The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

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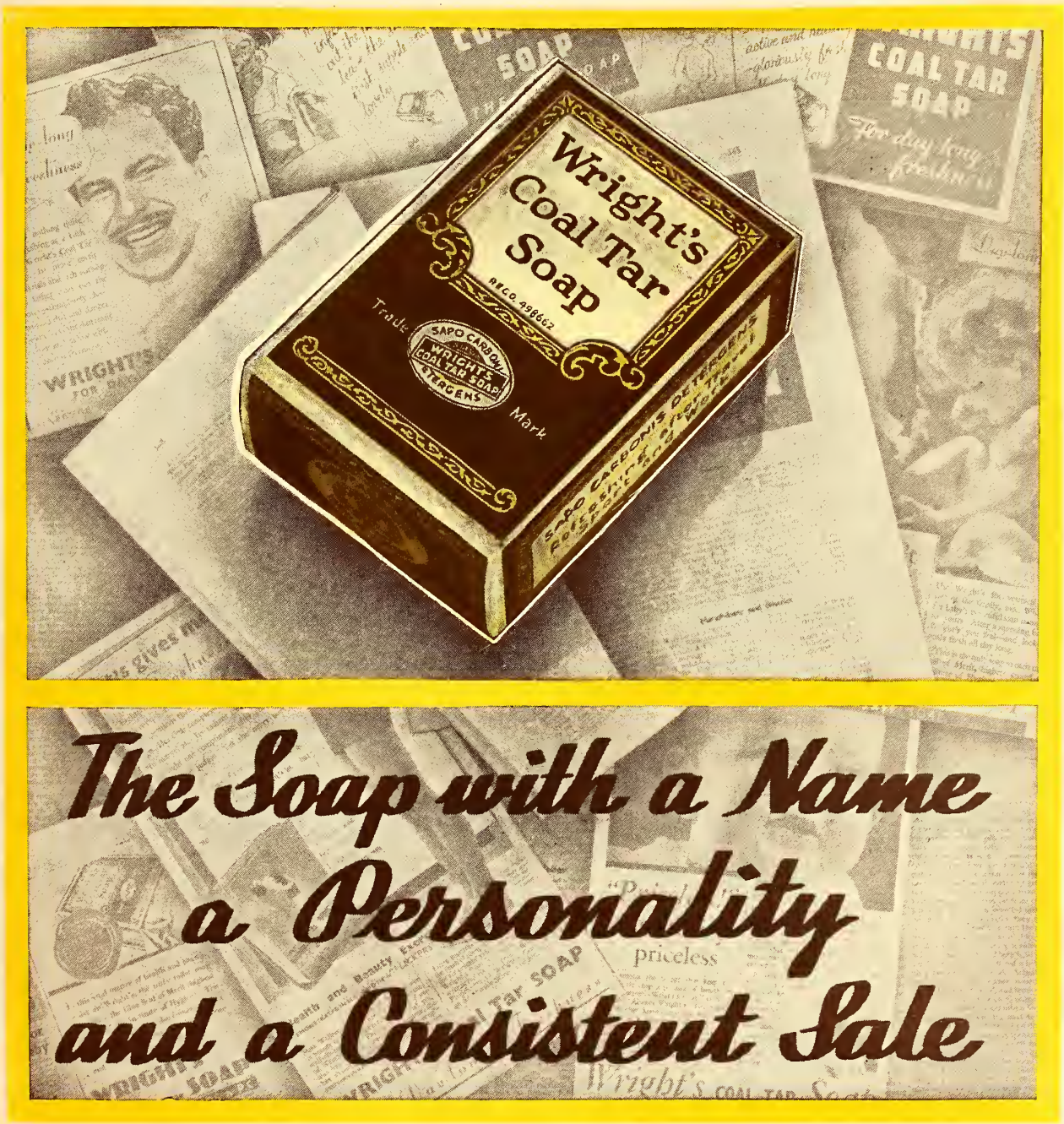

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Just back!

Our Managing Director, Mr. G. I. Lloyd, has just returned from an extensive tour in all the British Colonies . . . . . a tour of personal investigation of advertising practice in these territories.

As a direct result, we now offer Exporters a completely comprehensive advertising service. We can also, in many cases, extend practical assistance to clients faced with the problem of Agency representation.

EXPORT
ADVERTISING SERVICE
LIMITED

WINDSOR HOUSE, 83, KINGSWAY, LONDON, W.C.2

Telephone : CHANCERY 7553/4 *Telegrams : " COLONIADS, LONDON "*

AGENCIES ABROAD :

EAST AFRICA
Kenya Advertising Corporation, Ltd., Nairobi

CEYLON
Norman Blande & Co., Colombo

MALAYA
Warin Publicity Services Ltd., Singapore

MALTA
Malta Advertising Agency, Valletta

WEST AFRICA
West Africa Publicity Ltd., Lagos, Accra and Freetown

PALESTINE
Aron Advertising, Tel Aviv

NOTICE

MACLEANS LTD.

It has come to the notice of the Directors of Macleans Ltd., that as a result of statements which have appeared in certain newspapers, many chemists are under the impression that the ownership of this Company's Ordinary Shares has passed into new hands. There has in fact been no change whatsoever, and the Directors have the assurance of the principal Ordinary Shareholders, that no sale is contemplated.

Needless to say, the management of the company is still in the hands of the Directors whose names appear on its official notepaper.

BY ORDER OF THE BOARD
H. G. Lazell, Secretary.

Macleans Ltd., Great West Road, Brentford, Middlesex

HOW TO MAKE 9 times the profit on your veterinary sales!

AT ONE TIME, when you sold a worm remedy to a dog owner, you probably didn't see him again for a year. But now you can sell him a regular treatment which brings you 9 times as much profit in the year as a worm medicine alone.

The name of this treatment is the Cooper Health Routine and it involves two profitable products, Pulvex and Cooper's Vitamin Ration. Treatment with these two products is being advertised in all the leading Dog Journals. It is recognised as the first scientific method of removing the scourge of worms in dogs.

Now being advertised in leading Dog Journals—

Dogs get worms in two ways.

1. They get tapeworm from fleas. The worm infection is carried in the flea's body. To destroy all vermin and keep the dog free from vermin for a whole week, his coat should be dusted once a week with Pulvex. **Pulvex is the finest known insecticide for killing the chief carriers of tapeworm.**

2. Dogs get roundworm from scavenging. They eat excreta because they lack mineral salts in their food. These essential salts are contained in Cooper's Vitamin Ration, which, added to the diet every day, definitely stops the habit of scavenging. **Cooper's Vitamin Ration is a sure way to prevent dogs from picking up roundworm infection off the streets.**

Therefore, when you are asked for a worming medicine, first sell your customer Cooper's Liquid Worm Remedy, which is favoured by leading dog breeders, and then tell him how the regular use of Pulvex and Cooper's Vitamin Ration, the two elements in the Cooper Health Routine, will save his dog from the misery of repeated worming. In that way you sell products for daily and weekly use, where formerly you sold only an annual.

The advertising of this remarkably successful Cooper Health Routine is creating lively interest among big breeders and private owners throughout the country. Show Pulvex and Cooper's Vitamin Ration in your window and on your counter and build up a flourishing veterinary department to serve the dog owners in your locality.

THE COOPER HEALTH ROUTINE

. . . three sales in one and nine times the profit!

1 COOPER'S LIQUID WORM REMEDY
Small Dogs 1/3 Larger Dogs 2/6

2 PULVEX VERMIN POWDER
6d. and 1/3

3 COOPER'S VITAMIN RATION
1/6 and 2/9

Trade Terms—less 33⅓% and less 5% cash monthly.

COOPER, McDOUGALL & ROBERTSON LTD., Berkhamsted, Herts.

The personal story alongside deals with the early days of HOLMAN-ADVERTISING and is the gracious tribute of one who speaks from a wide knowledge of the advertising field. The identity of its author will be revealed on request.

"RESULTS"★

covers the intervening years and outlines accomplishment on behalf of Clients of HOLMAN-ADVERTISING who from small beginnings in every case, have developed by steady growth from within, without any addition of outside capital, to National Distribution and Sales; in two cases to World-leadership in their class.

Business Principals and responsible Executives are invited to write for "Results" in an exploring way. A margin of well trained service is available to several Firms capable and desirous of similar development by economic Advertising.

LAURANCE HOLMAN-ADVERTISING SERVICE

11 BEDFORD SQUARE, W.C.1

Founded 1916

Museum 4303 (3 lines)

From Fleet Street:

A TRIBUTE TO "RESULTS" ★

A new work on Advertising Principle, Method and Accomplishment: by Laurance Holman

Laurance Holman is head of the advertising agency which, under the style of the Laurance Holman-Advertising Service, occupies a prominent corner building in Bedford Square. He has just written and published a book under the title of "RESULTS" and the many pithily-written short chapters constitute the expression of Holman's Credo.

Let me tell you about my first meeting with Holman—twenty years ago. Before I had met him, I had quarrelled with him. I had done something that was rather smart. Holman hates smartness and wrote to tell me so. He can write emphatically sometimes. He did then. After a few letters which did not carry us far, I wrote him, "Anyway I would like to meet you. Will you dine with me?" He replied, "No, I won't dine with you. Will you come for a row on the Serpentine with me?" I went and we spent two hours one evening handling oars badly.

We became friends. Before we parted he said, "I like you. . . . You are much better than your letters." That was, in my view, a high compliment, because I have always considered the letters I dictate to be a little better than the average.

I remember another thing he said to me: "Now that I have made friends with you, I must beware of the periodicals you look after." To my "Why?" he replied: "I must not allow my liking for you to influence me favourably towards publications that may not deserve favour on their own merit." You can't pull Holman from the straight. He is so upright that I often think he leans backwards.

Another thing happened soon afterwards. A friend came to see me to ask advice about advertising. He had a speciality he wished to market. He had been to see one of the big noises in the advertising agency world and explained himself. The Big Noise said: "How much money do you want to spend?" My friend was uncertain. Said the Big Noise: "Will you spend £3,000?" My friend confided to me that he was willing to spend £3,000 if he were satisfied there was a good chance of getting it back with a profit. My advice was: "Better see Holman," to whom I sent him.

Holman's advice was: "I cannot say definitely that you *can* make the market you want, but if you agree to let me spend £50 for you I will get you the answer 'Yes' or 'No' and even a negative answer will be worth £50, for then you will know where you stand and can get on with something else." The first advertising campaign for my friend was limited to an appropriation of £50.

Holman makes his livelihood from his advertising agency. But he does not put the financial reward of his work first by a long way. Service that gives RESULTS comes first all the time. He could make more money if he wanted to. I am very certain that he has more frequently advised advertisers to reduce their expenditure than to increase it. He can look any former client in the face. In his book he invites those who might wish to use his services to refer to those Clients for whom he no longer works. Do you know any other advertising agent who would issue such a challenge?

Holman has built up from small beginnings about a dozen businesses that are now prominent or supreme in their particular class. The majority of his early accounts were "mail order," in which results are definitely traceable, and the art of appeal and the knowledge of media value acquired thereby are splendid compasses for any class of merchandising.

Holman sent me his book, which I read with great pleasure and entire approval. In this that I have written I have reviewed not the book but the man. You can get the book for yourself and should do so. The man you may never need to meet, but with the book and my review of the man you will get somewhere near an accurate appreciation of Laurance Holman.

StaffAllenS

WINTER LINES

EXT. IPECAC. LIQ. P.B.
EXT. GLYCYRRH. LIQ. P.B.
EXT. SENEGÆ LIQ. P.B.

CATAPLASMA KAOLIN

TINCT. SCILLÆ P.B.
TINCT. OPII CAMPH. P.B.
TINCT. ZINGIB. P.B.

EMULSIONS

STAFFORD ALLEN & SONS LTD

ESTABLISHED 1833

LONDON and LONG MELFORD

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CHEMIST'S FRIENDS ... *Cartwright's NEW proprietary*

Application has been made for ADRAX Brand Tablets—for Kidney and Bladder troubles—to be included in the Chemist's Friends List.

ADRAX IS BEING DISTRIBUTED NOW PRIOR TO A COLOSSAL ADVERTISING SCHEME STARTING ON OCTOBER 20th COVERING THE UNITED KINGDOM.

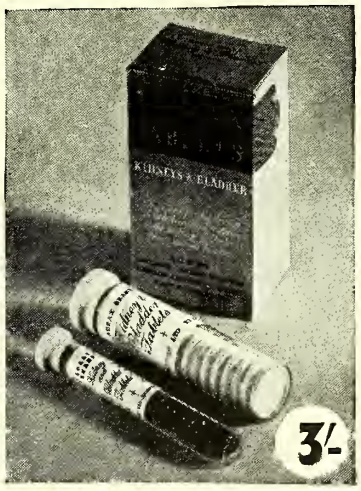
OVER 2,500 ADVERTISEMENTS WILL APPEAR IN 200,000,000 ACTUAL NEWSPAPERS.

Not only will ADRAX be backed by this huge advertising budget but the public will be invited to purchase on a MONEY BACK GUARANTEE. ADRAX is made by the makers of MOORLANDS — your guarantee for sound marketing and substantial advertising support.

Don't lose this opportunity—ADRAX will sell like MOORLANDS.

Sole Manufacturers :

W. B. CARTWRIGHT, LTD., Rawdon, Leeds.



ADRAX BRAND

TREATMENT *for the* *Kidneys & Bladder*

"ADRAX" *is made by the makers of* **MOORLANDS**

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EXTRACTS
TINCTURES RESINOIDS
OLEO-RESINS MEDICINAL RESINS

EXT. GLYCYRRH LIQ.
EXT. IPECAC LIQ.

WILLIAM RANSOM & SON LTD.
HITCHIN near LONDON
ESTABLISHED 1846

VERVUS

BRAND

COUGH and COLD REMEDY

P.A.
T.A.

HAVE YOU SUFFICIENT STOCK?

BE READY TO MEET

DEMAND

NATIONALLY ADVERTISED

Retails at **1s. 3d.** 11s. 3d. per doz.

STOCKED BY THE LEADING WHOLESALERS

INTERNATIONAL LABORATORIES PRODUCTS

also include

DO-DO and PARMINT

ORDER NOW

THE

"GOOD NIGHT"

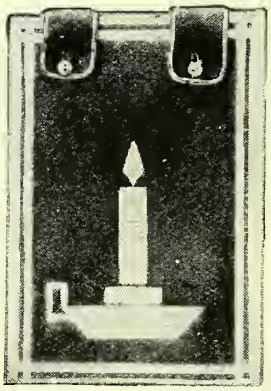
HOT WATER BOTTLE COVER

SO SEASONABLE — SO DIFFERENT — Makes a splendid and topical window display — pulls customers — and satisfies them! Feature the "Good Night" cover *now* and know how profitable the line can be.

"Good Night" covers are made of high-grade soft fleecy cloth in art colours, with the novel candle-stick design woven in the cloth. Made to fit the standard 12 x 8 bottles.

BRITISH MADE

Registered Design



PRICE **8/-** dozen

Obtainable from leading wholesalers

SPENCER BROS.

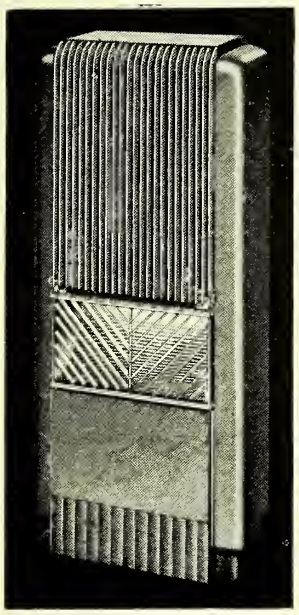
(C. J. SPENCER LTD.)

Manufacturers of Toilet Sundries

66 & 67 SHOE LANE, LONDON, E.C.4

Telephone: Central 4801 (Private Exchange)

SPACE HEATING BY GAS



THE "LUMA" GAS HEATER

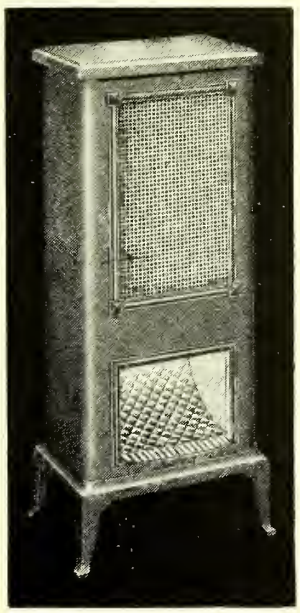
The "Luma" Heater is an outstanding development in heating by gas. The advantages of radiant and convected heating are combined in this appliance. A predetermined proportion of the heat is given out as radiation, and the atmosphere of the room is quickly brought to a comfortable temperature by the stream of warm air drawn through the body of the heater.

This heater gives 100% efficiency, and even when connected to a flue the efficiency is 80%—a truly remarkable achievement in gas appliance designing.

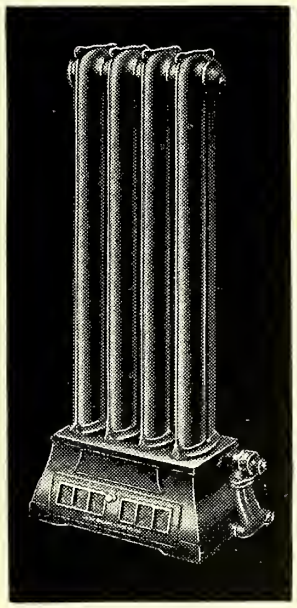
The "Luma" casing has been constructed on such a principle that the exterior is cool thus permitting the heater to stand against a panelled or painted wall.

The "Luma" Gas Heater is designed on unique lines and will suit any and every position. Four attractive colour finishes afford a choice to harmonize with any scheme of decoration.

The "Console" Cabinet Radiator is another design constructed to give maximum heating efficiency and the diffusion of a soft pleasant warmth. The attractive lines of the "Console" together with the wide choice of finishes make it a particularly suitable heater for warming shops, showrooms, stockrooms, etc. The "Console" is made in 6 sizes, giving a choice of three heights and two widths.



THE "CONSOLE" RADIATOR

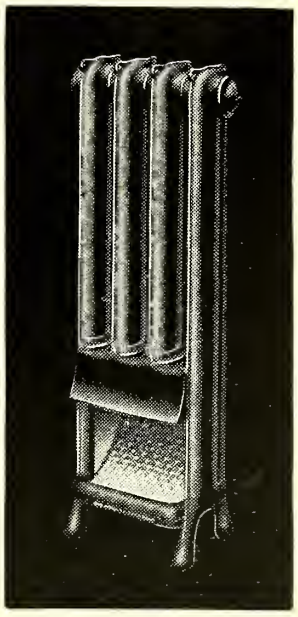


THE "ST. VINCENT"

"LOOPS OF HEAT"

Shops and stores all over the country have installed Wright's Gas Radiators (Loop design) and ensure comfortable warmth for customers and staff. One of the outstanding advantages of Wright's Gas Radiators is that these radiators need no attention from the moment they are lighted. The 'Regulo' automatic control keeps the radiator at an even temperature, and also ensures that only a minimum of gas is used.

All who are interested in shop heating should write for a copy of "Loops of Heat," a book of information, profusely illustrated, showing a variety of designs in Wright's Gas Radiators.

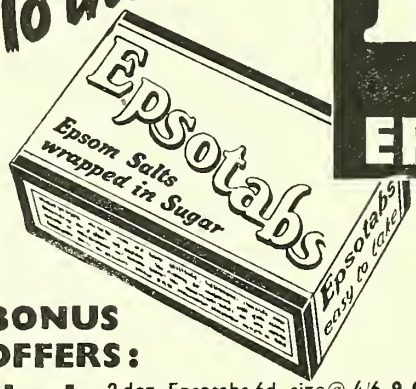


THE "ST. BERNARD"

JOHN WRIGHT & CO. LTD. (Dept. C.D.), ASTON, BIRMINGHAM, 6, MAKERS OF GAS RADIATORS Radiation

GREAT "FREE GOODS" OFFER

To introduce



Epsotabs BRAND

Sugar-Coated

EPSOM SALTS TABLETS

Epsotabs is one of the leading laxatives in the United States and Canada. The large sale of this product in America attests to its popularity with the consuming public.

Now entirely made in England by a British Company, Epsotabs have already received an enthusiastic reception and we feel positive that it will become as popular with the British public. Epsotabs are safe and non-habit forming. They are prescribed frequently by physicians and used by many hospitals in America.

BONUS OFFERS:

No. 1. 2 doz. Epsotabs 6d. size @ 4/6 **9.0.**
⅓ doz. ditto. 100 sample packets and one counter display **FREE**

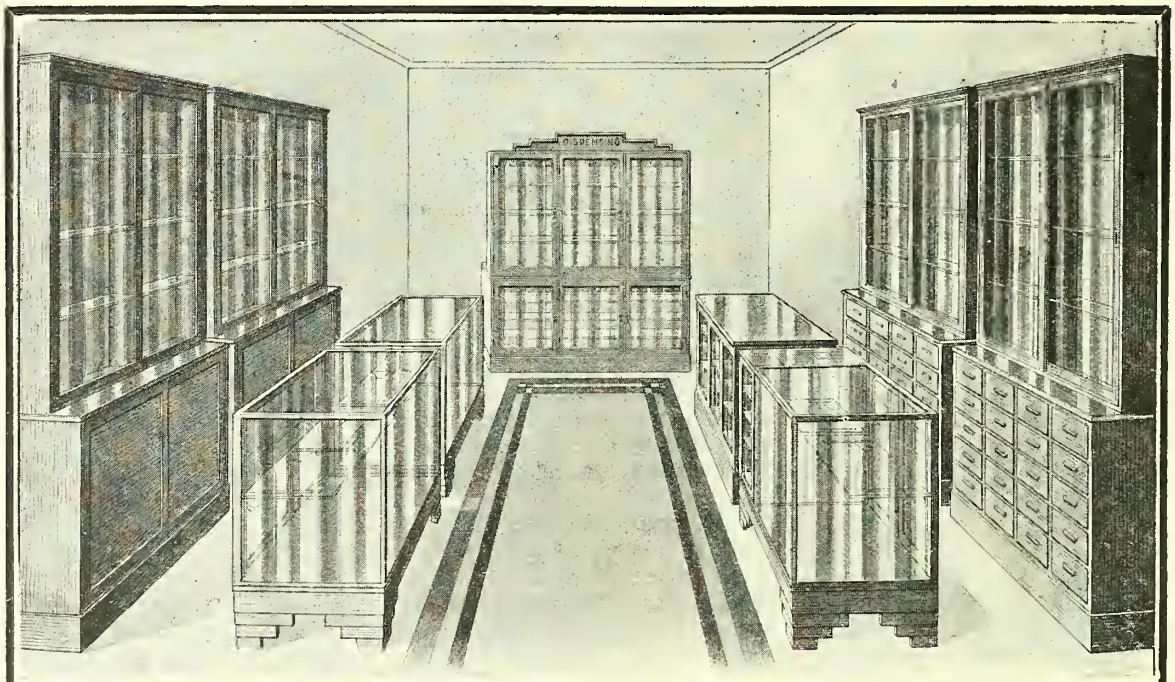
No. 2. 2 doz. Epsotabs 6d. size @ 4/6 **9.0.**
1 doz. ,, 1/3 ,, @ 11/3 **11/3**
½ doz. 6d. size, 1/6th doz. 1/3d. size. 200 sample packets and one counter display - - - - - **FREE**

EXTENSIVE SAMPLING AND LOCAL ADVERTISING PLANS

Extensive house-to-house sampling and local newspaper advertising are now in full swing and new areas will be added as rapidly as possible until the English public are well acquainted with this fine product.

Add this new big profit earner to your stock by accepting our great "bonus offer" and secure an extra 16⅔%. Order through us naming your usual wholesaler.

EPSOTABS LTD. (Dept. C.D.1), 59/60 CHANCERY LANE, LONDON, W.C.2



Your Shop can look like this — imagine this handsome set of Fixtures and Counters in your premises and remember they can be had for **£131.0.0**

Owing to the increased cost of raw materials we are reluctantly compelled to charge an increase of 5% on our prices.

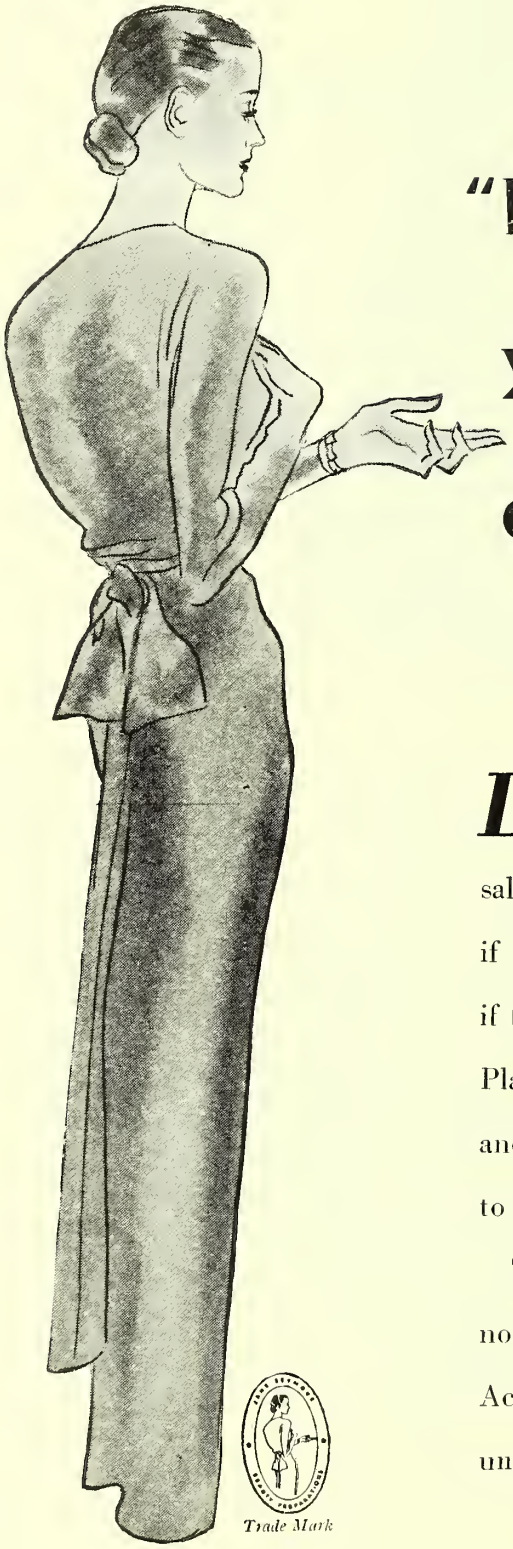
Supplied immediately on deferred payments involving a small initial payment. Let us send you our Catalogue No. C.D. 1740

DUDLEY & COMPANY, LIMITED, 451-3 Holloway Rd., London, N.7 City Showrooms: 65 Fore Street, E.C.

IS IT WORKING FOR YOU N-O-W?

- The 1937 Maw Christmas List has been released throughout Great Britain and the Dominions Overseas. From its varnished photographic cover to the last page, it is packed with modern merchandise.
- Matched packing and branding is used throughout. There is a Wholesale Price Code and detachable Price Slip with printed minimum retail prices.
- Most of the merchandise comes in stunning 1937 designs. You are sure of the very latest styles and colourings throughout the entire programme.
- Maw Christmas Exhibitions are now progressing. Be sure to visit one of these, or, better still, come to our year-round show at Aldersgate Street. There is a cordial welcome in any case.
- Although it sounds like the "Wolf, Wolf" story, we do sincerely say : "Please let us have your orders as quickly as possible." So brilliant a programme, loyally supported by so many of our chemist customers, can only result in stock shortages and "all solds," as Christmas approaches.

★ THERE ARE LESS THAN 72 DAYS TO CHRISTMAS !



"Don't tell me you live in a deserted village,"

Don't tell me you live in a spot where there's little sale for high-class beauty preparations! I don't care if the place is black with factories—I don't care if there are only three cottages and a church, I have a Plan for Action that will bring the local inhabitants and the ladies of the Manor for miles around flocking to your shop!

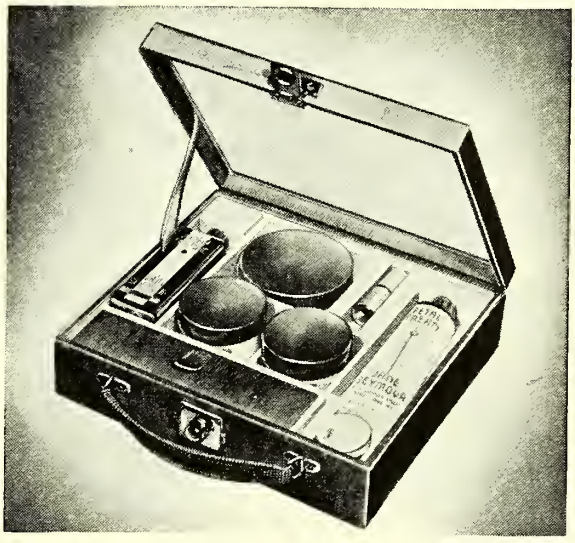
This may sound rather like boasting, and I would not dream of making such a cock-sure claim if this Action Plan of mine had not succeeded in bringing unbelievably prosperous business to my agents—not

...says Jane Seymour

only in large towns, but in the remotest parts of the British Isles. It is an idea which presents beauty care to women in a new light. An idea which will intrigue and inspire every customer you explain it to.

I haven't room to tell you the details, but write to me and I will answer with a letter which will be worth several hundred pounds to you by 1938. And mind, I'm not exaggerating! My address is: Jane Seymour Ltd., 21-22 Grosvenor Street, Bond Street, London, W.1.

Part of my Plan . . . Beauty Budget cases which contain everything a woman needs for scientific home care and make-up. To sell complete at £1. 7. 6. normal skins, £1. 11. 6. dry skins, and £1. 11. 6. greasy skins.



BIGGER PROFITS ON Mercolized Wax

MERCOLIZED WAX
16/– 28/– per doz. 2/– 3/6 retail

COMPLEXION POWDER
14/– per doz. 1/9 retail

POWDER CREAM
8/– per doz. 1/– retail

FOUNDATION CREAM
6/– 10/– per doz. 9d. 1/3 retail

LIP STICK
28/– per doz. 3/6 retail

A BONUS of 10% on £3 assorted orders is offered for a display of MERCOLIZED WAX.

Excellent Show Material and Counter Booklets on request.

Dearborn (1923) Ltd. 37 Gray's Inn Road, London, W.C.1

TELEPHONE: HOLBORN 9669

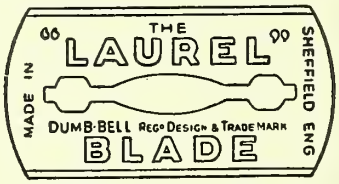
SHAVE WITH A "LAUREL"

"LAUREL PENNY BLADES—ALL TYPES"

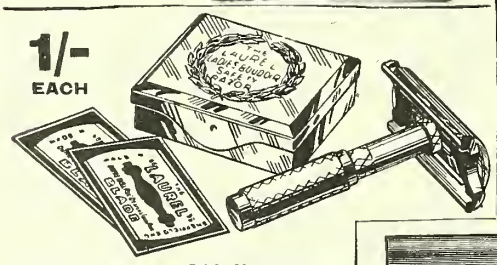
MADE IN SHEFFIELD, ENGLAND

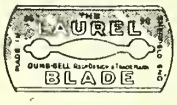
"LAUREL"
LADIES' BOUDOIR SAFETY RAZORS
(NICKEL PLATED)
6d.
EACH

PENNY BLADES
FOR YOUR RAZOR
PACKET OF SIX BLADES FOR
6d.

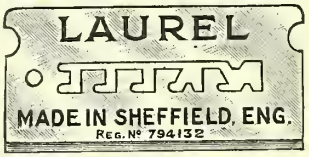


1/-
EACH





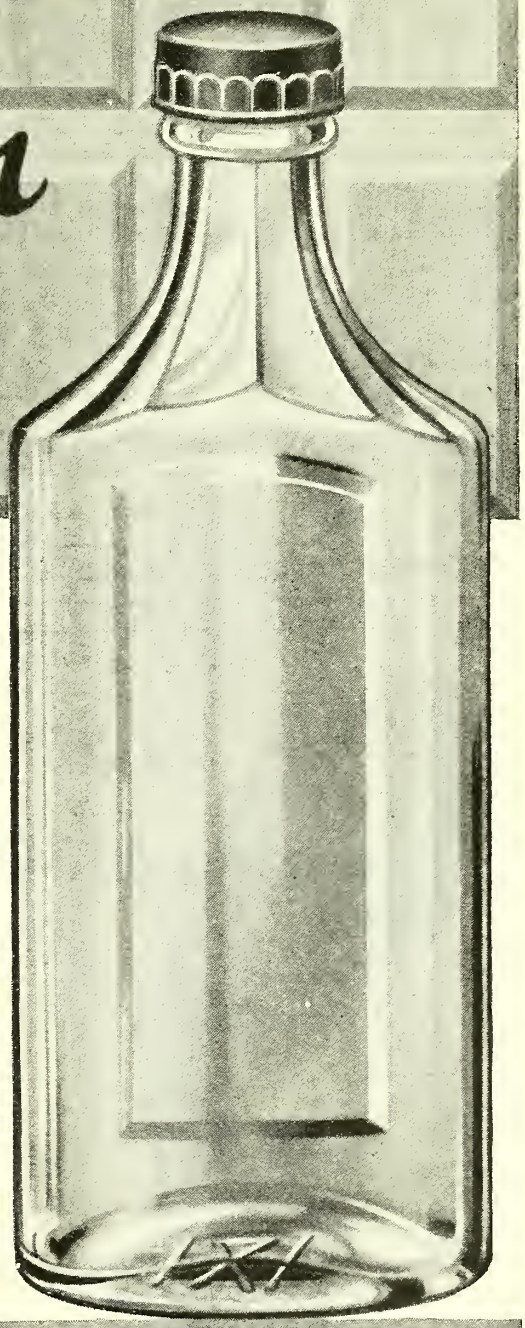
FITS ALL 3-PEG HOLDERS



THE **"LAUREL"** LADIES' GOLD PLATED BOUDOIR SAFETY RAZOR
COMPLETE WITH TWO BLADES AS ILLUSTRATED

GEO. H. LAWRENCE LTD. LAUREL WORKS, SHEFFIELD, 25571

The panelled Ayrton Oval



with

BLACK KORKALITE SCREW-CAP

The bottle which makes a good product look better

The famous AYRTON OVAL, kept up-to-the-minute by the adoption of a panelled back and screw-cap closure. The panel emphasizes the imposing appearance by increasing the size of the bottle, but art and craft have combined to ensure that the graceful lines and symmetrical proportions of the original AYRTON OVAL are retained.

Very exhaustive scientific investigation has been necessary to secure the perfect closure, and Ayrton, Saunders & Co. Ltd. are fortunate in being able to avail themselves of this research and to offer its results in the Korkalite Screw Cap Closure.

		1 oz	2 oz	3 oz	4 oz	6 oz	8 oz	12 oz	16 oz	20 oz
Small Lots ...	...per gross	19/9	22/3	24/-	26/6	29/-	31/6	43/6	43/-	61/6
In Single Fiberite Cases	,,	17/-	17/9	20/-	21/6	26/6	28/-	39/-	43/6	55/-
5 gross lots ... ... Ex Works	,,	16/-	16/3	17/9	19/3	21/6	23/-	32/-	35/9	45/6

These prices do not apply to I.F.S.

SPECIAL PRICES FOR 25 GROSS LOTS ON APPLICATION

Prices for ordinary plain Ayrton Ovals with either cork mouth or metal screw-cap on application

FROM STERILIZER TO DISPENSER
IN SEALED FIBERITE CASES

AYRTON, SAUNDERS & Co. Ltd., LIVERPOOL
and 44-46 NORTH LOTTS, DUBLIN, C9

PHARMACY'S FINEST BOTTLE WITH THE PERFECT CLOSURE

Your Last Chance!!

DRENE BONUS OFFER CLOSES OCT. 30th

Take advantage of DRENE'S Big Autumn Advertising Campaign and ORDER NOW

DRENE DISPLAY BONUS OFFER

★ *Until Oct. 30 we are offering in consideration of* **14 DAYS SPECIAL DISPLAY OF DRENE IN YOUR SHOP**

1 BOTTLE OF DRENE *FREE!*
WITH EACH 11 BOTTLES PURCHASED

1 CASE OF DRENE *FREE!*
WITH EACH 10 CASES PURCHASED

THIS OFFER APPLIES TO ALL 3 SIZES—DEFINITELY CLOSES ON OCT. 30th

WATCH FOR THEM IN—
London Evening Standard
Sunday Express
Sunday Dispatch
Sunday Chronicle
Sunday Times
John Bull
Sunday Mail
Sunday Post
Glasgow Weekly Herald
Scottish Field
Tablet Tit-Bits

WATCH SALES SOAR!

WATCH YOUR STOCKS!

New National Advertising Campaign to consolidate the success of **MORNING PRIDE**

"Morning Pride" has taken premier place in the shaving cream market. First in public favour "Morning Pride" is second to none in rapidly increasing sales.

Look to your stocks and be sure of your share of profits from this new wonder shaving cream.

MORNING PRIDE REGD.

THE RAZOR READY BRUSHLESS SHAVING CREAM

PRODUCT OF FAIRY DYES LTD., PHARMACEUTICAL DEPT.

For particulars of attractive Initial Order terms write

SOLE DISTRIBUTORS · **FASSETT & JOHNSON LTD**

86 CLERKENWELL ROAD LONDON, E.C.1

"I'm a Dispenser, too Mr. Chemist"

"I've dispensed with heat and curling irons. I don't need them. Curly Top has given me lovely natural curls.

When I'm grown up I'm going to do as mummy does and use Vosemar to give me lovely natural waves, just like hers. So you see I'm going to be calling on you quite a lot."

GOOD DISCOUNTS **NATIONAL ADVERTISING**

Curly Top & Vosemar

Curly Top
SOAPLESS SHAMPOO
A sister product to Curly Top. Specially prepared for the use of children. Makes the hair soft, lustrous and glossy. Cleanses the scalp. Promotes hair health. Enough for 12 generous shampoos—1/3 per tube.

Vosemar
SOAPLESS SHAMPOO
A sister product to Vosemar. Brings out the latent beauty of a lady's hair. Removes all scurf and dandruff. Lathers copiously. No rinsing lotions needed. Enough for 12 generous shampoos—1/3 per tube.

Vosemar, the Natural Hair Waver for Adults. From the first it prolongs the 'perm,' therefore it is the best of all setting lotions. Regular use induces the hair to wave naturally. In tubes 1/6.

Curly Top, the Natural Hair Curler for the younger head. Its regular use promotes the growth of NATURAL curls. In tubes 1/3.

The VOSEMAR COMPANY
11 Parsons Lane, BURY, Lancs.

B B

PROVED—and IMPROVED

Only one safety razor has really made shaving a pleasure. That's the automatic-electric TELERAZOR. For two years, the demand has far outstripped the supply. And now the Telerazor is greatly improved in efficiency, fine finish and mechanical reliability. The NEW Telerazor is the perfected outcome of two years' experience of making the only satisfactory, self-contained electric safety razor selling at a popular price.

The Telerazor does *not* have to be plugged into the electric mains. Operated by a tiny battery in the handle. It is convenient and perfectly SAFE. Every Telerazor sold sells another.

21/- RETAIL

Refill Battery lasts 2 Months Retail, 2d.

BRITISH PATENTS 444,592 442,871 429,964 450,687 451,870

Patents granted in all leading countries.

The NEW Automatic-Electric TELERAZOR Regd.

BRITISH MADE

Write for fully illustrated leaflets and showcards to the Patentees :—

NORMA TECHNICAL PRODUCTS LTD., BALFOUR HOUSE, FINSBURY PAVEMENT, LONDON, E.C.2

BIDWELLS' Bone Tooth Brushes

Bestow Bifold Benefits

FOR RIGIDITY and RELIANCE

Prices **4/-** to **24/-** per dozen

Bone is Best

CHEMISTS' OWN PATTERNS A SPECIALITY

We specialise in the manufacture of Hair, Cloth, Hat, Nail, Bath, Jewellers', Baby Brushes, etc. Tortoiseshell, Ivory, Ebony and Silver Backed Brushes refilled and renovated.

LET US QUOTE YOU

Please send your enquiries to:

BIDWELLS LTD.
AXMINSTER, DEVON

ROWLAND'S MACASSAR OIL

FOR ALL SHADES OF HAIR IT PROMOTES THE GROWTH, GIVES LIFE AND LUSTRE AND LONG DELAYS BALDNESS.

A. ROWLAND & SONS, Ltd.
22 Laystall Street, Rosebery Avenue
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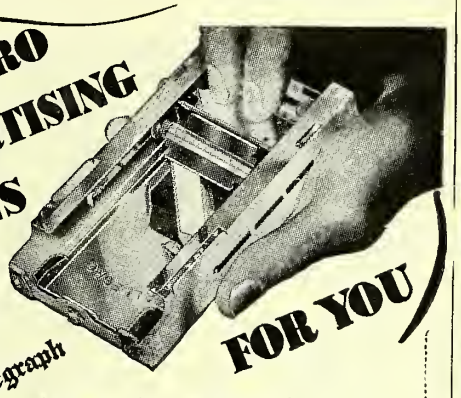

PUNCH
The Daily Telegraph
Evening Standard
STRAND MAGAZINE
The WIDE WORLD

Advertising for the "Allegro" Razor Blade Sharpener is in the papers shown on the left—papers that men read and respect. Straight Razor users, too, find details of the wonderful "Allegro" Flexible Stropper. Sell "Allegro"—backed by National Advertising. Have a sample on your counter to demonstrate. Heavily nickel-plated **"Allegro Standard" 21/-, "Allegro Junior" 8/6, "Allegro Flexible"** Stropper **9/-**; also **"Allegro"** Knife Sharpener **4/6 & 7/6**; Scissors Sharpener **7/6.**

Allegro
Swiss Manufacture

THE NATIONALLY ADVERTISED SHARPENERS

Condrup Ltd
Sole Agents
77/78 Fore Street, London, E.C.2

"I'm Coming!"

KING'S 1937 **Xmas List**

Bigger Better Brighter Display

60 pages of Magnificent Display Material

SHOWING Glitter Tickets and Showcards, Window Posters, Pelmets & Friezes, Brilliant Crepe Papers, Pendants, Shenille Roping, Tinsel Strings, Artificial Holly, Streamers, Pretty Lanterns, Electric Lamp Festoons, Automatic Showpieces and other attractive Novelties.

ISSUED FREE

A complete guide to your Xmas display—sixty Full Pages of interesting materials clearly explained and illustrated in Colour. Plan your Displays and Decorations to perfection—this Catalogue will help you immensely. Issued Free!

THIS YEAR EVEN A GREATER SELECTION

Many new designs and novelties are featured in this issue. It will be to your advantage if you will but apply for a Copy now! Let us send you one.

Fill in the Coupon!

J. C. KING, Ltd.

42-60 GOSWELL RD. LONDON, E.C.1

Phone: Clerk 2316

Please forward your Xmas List No. 1914 (002)

NAME.....

ADDRESS.....

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WRITE AWAY TO-DAY

Submit your lighting problems to us. Our Engineers will be pleased, without obligation, to prepare a scheme for improved illumination.

MADE IN ENGLAND

3721. A

THE BRITISH THOMSON-HOUSTON CO., LTD., CROWN HOUSE, ALDWYCH, LONDON, W.C.2.

A Recognition of Quality..

EMPIRE BRAND
PREVENTIVES

have been placed upon the approved list of contraceptives issued by the

NATIONAL BIRTH CONTROL ASSOCIATION

We have always stressed the fact that with Contraceptives the primary consideration of the buyer should be

QUALITY & NOT PRICE

THIS SIGN GUARANTEE OF BW&R LTD LONDON IS YOUR SATISFACTION

• **The House which has been selling the highest quality Surgical Rubber Goods for many years.**

We invite your enquiries. Samples gladly sent on request.

BURGE, WARREN & RIDGLEY, LTD.

91-92 SAFFRON HILL : LONDON : E.C.1

TELEPHONE: HOLBORN 0050 TELEGRAMS: "DRUGSUND, SMITH, LONDON"

Here comes another customer for KORAY BRAND

These pain-relieving tablets are selling because *they're a sound product at a sane price.* To you they offer an excellent weapon to combat indiscriminate distribution. Koray Tablets are a Chemists Friend in more ways than one.

KORAY Tablets retail at

3D 6D 1/3 & 2/6

P.A.T.A.

Order through your usual wholesaler or direct from:

KORAY LIMITED
LONDON, N.5

ACTUAL SIZE OF 6d. WALLET

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KORAY BRAND TABLETS

PRECIPITATED CHALK

LIGHTEST—MEDIUM—DENSE.
And All Other Grades To Suit Every Purpose.
Prepared Chalk B.P. and Powdered Talc.

'Phone: Mansion House 7300. Tel. Add.: "Levermore, Phone, London."
A. LEVERMORE & CO. LTD.
110 CANNON STREET, LONDON, E.C.4.
ABC Codes. 6th Edition

GUMS TRAGACANTH AND ACACIA
As Imported or Finely Powdered
ALL GRADES
FREDK. FINK & CO., 10 & 11 Mincing Lane, London E.C.3
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For all grades of Olive Oil write for samples and prices to
CRODA LTD.
GOOLE, YORKS
Phone: Rawcliffe 40 & 41
Grams: Croda, Goole
London Office: Burnley House, Willesden, N.W.10

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WRITE FOR PRICES STATING QUANTITIES
Makers: CALENDOX Ltd., 91 Petty France, Westminster

SINGLETON & COLE LTD.
THE Wholesale Tobacconists
Have had the Confidence of the Trade for well over Half a Century
PRICE LISTS ON APPLICATION
CANNON ST. - BIRMINGHAM

WESTMINSTER COLLEGE OF PHARMACY
PRINCIPAL: P. H. WOODNOTH, Ph.C., F.C.S.
THIS SCHOOL NOW SPECIALISES SOLELY IN REVISION AND PREPARATORY WORK BY MEANS OF POSTAL CLASSES.
STUDENTS DESIROUS OF PREPARING FOR DAY CLASSES OR WHO HAVE ONE OR MORE SUBJECTS TO COMPLETE ARE INVITED TO
APPLY FOR NEW PROSPECTUS TO
190 CLAPHAM ROAD, LONDON, S.W.9

BOTTLES
AMMONIA OVALS
MEDICALS, POISONS, PANELS, VARNISHES, OR ANY OTHER KIND
CAN BE BOUGHT CHEAPEST FROM THE MAKERS
Wm. HANSON & SONS Ltd. ROSEGROVE, BURNLEY.

Are you stocking
YESTAMIN?
Dried Yeast in its most concentrated and most convenient form—powder and tablets. Generous terms and good discounts. *Write today to:*
The YESTAMIN CO. (The English Grains Co. Ltd.) Chobnall Rd. Burton-on-Trent

FINEST PURE LOFOTEN— **COD LIVER OIL**
BRÖDR AARSÆTHER A/S AALESUND, NORWAY
Guaranteed to comply with the requirements of the B.P. Government Certificate of Control accompanies each shipment
Sole Agents for U.K. (excepting Scotland)
FREUDENTHEIL, SMITH & CO.
21 MINCING LANE, LONDON, E.C.3 Established 1826
Tel. Add.: "Freudenruf." *Tel. No.: Mansion House 6600*

PRICO FUR POWDER PUFFS
GUARANTEED WASHABLE
GRIMWOOD & DE GEUS, LTD.
Moorgate Station Chambers, London, E.C.2

OPTICAL TUITION
FOR THE
S.M.C., B.O.A. and N.A.O. DIPLOMA Examinations
Particulars:—
C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.

HALMAGON
BRAND TABLETS
AN ALL THE YEAR ROUND SELLER
3/6 Size, 31/6 per Doz. 1/- Trial Tube, 9/- per Doz.
Family Economy Box (15 Tubes) 7/11. Retail 10/6.
P.A.T.A. TERMS *Display Bonus 13 to the Dozen*
Tonicity Laboratories Ltd., 6-8 Emerald St., London, W.C.1

Chemists' Fittings
When you want Shop Fittings it will pay you to send to
GEORGE COOK
The Chemists' Working Shopfitter
174a St. John's Road, Hoxton, LONDON, N.1.
40 years' experience. 'Phone: Clerkenwell 5371. Rough Sketches free

PREPARATIONS
Invaluable to Breeders & Trainers of Horses & Dogs
From usual Wholesaler or direct
VITALITY VITAMIN LAB. LTD. Melton Mowbray.

PHARMACEUTICAL CHEMICALS
ALKALOIDS, ESSENTIAL OILS
Ephedrine Hydrochloride
OLD STRAND CHEMICAL AND DRUG CO. LTD.
PHONE: HOL 6093 AUDREY HOUSE: ELY PLACE: LONDON: E.C.1

If you are a buyer of large or small quantities of the undermentioned preparations you will do well to ask us for prices and samples:—

APIOL B.P.C.

CHLOROPHYLL
Spirit Soluble, for making tablets

EXT. CASCARA SAGRADA B.P.
Granular for tablet making

EXT. FILICIS (Oleo-resin of Male Fern) **B.P.**

GINGERINE
Spirit Soluble

LEPTANDRIN

OL. CROTON B.P.
Our own pressing

SCAMMONY RESIN
Lump or Powder

POTTER & CLARKE LTD.

'GRAMS: HOREHOUND, PHONE, LONDON **60-64 ARTILLERY LANE, LONDON, E.1** 'PHONE: BISHOPSGATE 4761 (5 lines)

'GRAMS: HOREHOUND, MANCHESTER **77 DANTZIC STREET, MANCHESTER, 4** 'PHONE: BLACKFRIARS 8734

2 Super Salesmen

will bring QUICK PROFITS—FREE

Foreign

TORCH time is here! Dark nights mean bright sales if you have one or both of these arresting Pifco Displays. They forcefully compel attention to Torches and Bulbs. Brilliantly attractive in Red, Yellow and Black. Silent but eloquent salesmen—and FREE.

PIFCO DISPLAY CABINET OF FLASHLIGHT BULBS

Striking bow-fronted Display Cabinet with cellophane windows. Height 23½", width 12", depth 6". Has 3 tiers and 9 divisions, effectively displaying 3 dozen of each of nine different types of Pifco Bulbs, guaranteed uniform in shape, voltage and amperage. Suitable for torches and pocket lamps of any make. Total contents: 27 dozen bulbs, retail value **33/-**.

No. 1215/2000. — Display Stand complete with 27 dozen bulbs. Nett trade **20/-**

Foreign

PIFCO SPOT FOCUS TORCH DISPLAY

The handsome Pifco Torches displayed on this irresistibly attractive Display Stand are already half sold. Attention-compelling brightly coloured Red, Yellow and Black display, 28" high, 23½" wide, 10" deep. Carries 7 Pifco Torches and the quaint and useful Pifco "Owlite" Night Lamp, each clearly priced.

Total retail value of Torches . . . **32/8**

No. 1450a/2100.—Display Stand, complete with 7 Torches and "Owlite," each fitted Bulb and Battery. Nett trade **21/-**

PIFCO Ltd., Watling St., Manchester. London Address: **58 City Road, E.C.1**

The Rat Poison The Public

have been waiting for

HARRISON'S

"SAFETY FIRST" RAT BAITS

Each bait is separately wrapped and is made with physiologically tested Squill.

Retail Prices ...	**6d.**	**1/-**	**5/-**
	Doz.	Doz.	Doz.
Wholesale Prices	**4/6**	**9/-**	**45/-**

Parcels to value of 22/6 carriage paid and subject to 10% discount.

Thirteen to the dozen on orders received before 30 November.

Supplied direct or through your Wholesaler.

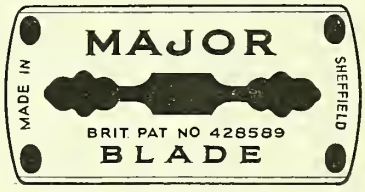
G. W. HARRISON LTD.

Manufacturing Chemists

READING

SOMETHING NEW FOR CHEMISTS

Retail 1d. each



Retail 4 for 4d.

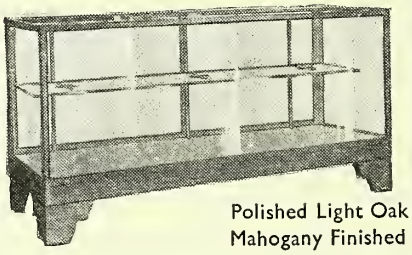
The Slotted "Major" Blade fits Three-peg and Bar-Type Razors.

SAMPLE AND TERMS FROM—

DOMINION STEEL CORPN., LTD.

FLEET WORKS, QUEEN'S ROAD, SHEFFIELD, 2

● GLASS DISPLAY COUNTERS



No. 3250, Width 6', Height 3', Depth 2'. Interior fitted with row of 12" glass shelves. New ¼" drawn plate glass.

Polished Light Oak Framing - **£7.17.6**
Mahogany Finished - - - **£8.2.6**

How's of Fore Street

DISPLAY SPECIALISTS

F.G.HOW & Co LTD. 27, FORE STREET, LONDON E.C.2.

Quality creates customer confidence

Reduced facsimile

TRADE MARK **'TABLOID'** BRAND

ASPIRIN

Prepared with acetylsalicylic acid of a very high standard of purity. Free from talc or any other objectionable admixture.

Gr. 5. Bottles of 25 products, **10/0** *per doz., and 100 products,* **30/0** *per doz.*

TRADE MARK **'TABLOID'** BRAND

LAXATIVE VEGETABLE

Smooth in action. Regularly prescribed.

℞ Ext. Colocynthidis Comp., P.B. 1914,	gr. 1	[0·065 gm.]	
Ext. Jalapæ,	gr. 1/2	[0·032 gm.]	
Podophylli Resinæ,	gr. 1/4	[0·016 gm.]	
Leptandrini,	gr. 1/2	[0·032 gm.]	
Ext. Hyoscyami Viridis, P.B. 1898,	gr. 1/4	[0·016 gm.]	
Ext. Taraxaci, P.B. 1914,	gr. 1/4	[0·016 gm.]	
Ol. Menthæ Piperitæ,	q.s.		

(Plain or sugar-coated)

Bottles of 25 products **10/0** *per doz.*

Bottles of 100 products **30/0** *per doz.*

Reduced facsimile

TRADE MARK **'TABLOID'** BRAND

CASCARA SAGRADA

(Dry Extract)

Full maturing of the *Rhamnus purshiana* bark eliminates any tendency to gripe.

(Plain or sugar-coated)

Gr. 2. Bottles of 25 products, **5/5** *per doz. 100 products,* **13/6** *per doz.*

Also: gr. 1, gr. 3, gr. 4, gr. 5, 0·15 gm. and 0·25 gm.

Reduced facsimile

London Prices to the Trade (Subject)

BURROUGHS WELLCOME & CO., LONDON

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THE EXCLUSIVE NATIONALLY ADVERTISED
RU-MARI REGD
BRAND COMPOUND
PROVEN TREATMENT for RHEUMATOID ARTHRITIS
12/- RETAIL PRICE PER BOTTLE
3/- PROFIT ON EVERY BOTTLE
NEW 6/6 (10 oz.) SIZE NOW AVAILABLE
1/7½ PROFIT ON EVERY SALE
RU-MARI LTD., FIRST AVENUE HOUSE, HIGH HOLBORN, LONDON, W.C.1

BENGER'S Food
TRADE MARK

STANDARDISED

Benger's Food is standardised for all illnesses involving or arising from weakness of the digestive system in Infants, Invalids and the Aged. Its composition and its uses have been well known to medical men and pharmacists for over 50 years

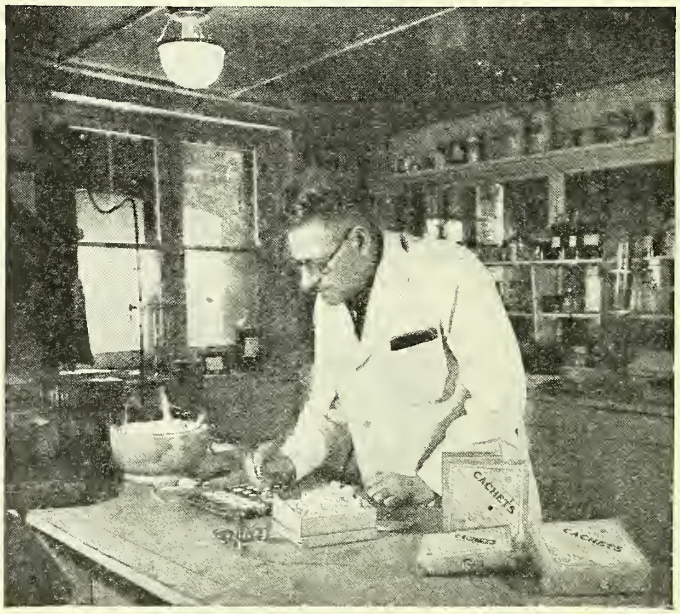
Show Material from—
BENGER'S FOOD, LTD. ——— MANCHESTER

Just think

of the numerous advantages of Cachets, and the equally numerous purposes to which they may be put.

CHRISTY—
THE HOUSE FOR CACHETS

Cachets are recognised as the most useful and hygienic method of administering nauseous powdered medicaments in tasteless form.
Our Cachets are noted both for their strength and extreme solubility.
Your own name or Brand name may be printed on every dose.
We can supply Cachets, white or coloured, in boxes of 250, 500 and 1,000.
Cachets from – 5/6d. per thousand.
Cachet Machines from – 4/6d. each.



Write for a copy of the illustrated leaflet
THOS. CHRISTY & CO., LTD., Old Swan Lane, LONDON, E.C.4

The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

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News of the Week

A.B.C.M. Annual Meeting

At the twenty-first annual general meeting held in London on October 14, the following officers were elected for the ensuing twelve months:—*President*, Dr. F. H. Carr, C.B.E., F.I.C. *Vice-Presidents*, Dr. E. F. Armstrong, F.R.S., J.P.; Dr. Charles Carpenter, C.B.E., M.Inst.C.E.; Sir Christopher Clayton, C.B.E., Ph.D., F.I.C.; Mr. C. A. Hill, B.Sc., F.I.C.; Sir David Milne-Watson, Bt., D.L., LL.D.; Mr. R. G. Perry, C.B.E.; Mr. E. Wallace. *Chairman*, Mr. E. V. Evans, O.B.E., F.I.C. *Vice-Chairman*, Mr. R. Duncalfe. *Honorary Treasurer*, Mr. C. F. Merriam. *Council Members*, Mr. F. W. Bain, M.C.; Mr. Horatio Ballantyne, F.I.C.; Mr. G. E. Howard ; Dr. P. C. C. Isherwood, O.B.E., F.I.C.; Major T. Knowles ; Mr. W. F. Lutyens ; Mr. L. P. O'Brien ; Mr. Donald J. W. Orr ; Mr. A. E. Peak ; Capt. D. S. Peploe ; Mr. F. M. Roberts ; Mr. Kenneth H. Wilson ; Mr. W. J. U. Woolcock, C.M.G., C.B.E. *Honorary Vice-Presidents*, Sir Martin O. Forster, F.R.S.; Mr. Norman H. Holden ; Mr. David Lloyd Howard, J.P.; Lord McGowan, K.B.E.; Sir Robert Mond, F.R.S.E., M.A., J.P.

Following the general meeting the Annual Dinner was held in the evening at the Grosvenor House Hotel, Park Lane, W.1. Among the gathering of about 650 were a number of distinguished guests, including the Rt. Hon. Sir Samuel Hoare, Bt., M.P., the Home Secretary ; Sir Percy Ashley, C.B.; Sir William Brown ; Dr. J. J. Fox ; Lord May ; Sir Edward Mellanby ; Sir Robert Pickard ; Sir Allan Powell ; Sir Robert Robertson ; Sir Henry Sutcliffe Smith and Sir Robert Waddington.

Birmingham

The inaugural meeting of the present session of the Birmingham Pharmaceutical Association was held at the Botanical Gardens on October 13. The proceedings opened with a reception by the president (Dr. E. G. Bryant) and Mrs. Bryant and concluded with supper. In his address, Dr. Bryant thanked members for his re-election as president for the second year. This he considered a great honour, as Birmingham and the Midlands had been much to the fore in recent months in matters pharmaceutical. The association was to be congratulated on securing the return of Mr. F. W. Yeomans to the Council of the Pharmaceutical Society at his first attempt, and on his high position in the list of returned candidates. He referred to the election of five co-opted members to the Organisation Committee appointed to consider the whole practice of pharmacy and to plan future policy. Now that membership was compulsory, it behoved everyone to follow pharmaceutical politics more closely, and he appealed for more reading of the trade journals. Finally Dr. Bryant appealed for increased membership of the Birmingham Pharmaceutical Association, which, he said, was open to everyone connected with pharmacy. Mr. E. W. Mann, who proposed the vote of thanks to Dr. Bryant, announced a hostess whist drive to be held on November 24 at the canteen of Southall Bros. & Barclay, Ltd., Gooch Street, in aid of the local fund towards the visit of the British Pharmaceutical Conference. Mr. F. W. Yeomans seconded the vote of thanks to the president. He urged that the question of a pharmaceutical scholarship for Birmingham and the Midlands should be considered, and appealed for further support for the Benevolent Fund. The remainder of the evening was spent in whist and dancing. Mr. F. W. Crawshaw (M.C.) arranged several novelty and elimination dances, while Mr. and Mrs. Mann supervised the card room. Messrs. S. C. Blore and A. E. Southerton arranged a draw in aid of the Benevolent Fund ; this realised about £7.

Blackburn

North-Eastern Lancashire Branch of the Pharmaceutical Society opened its winter session with a lecture by one of its members, Mr. C. Haydock (radiographer to Queen's Park Hospital). Mr. Harry Atherton (president) introduced the speaker. Mr. Haydock described the discovery of *x*-ray by Professor Röntgen in 1895, and related how it had come to be used in medicine and for the examination of metals. He made a comparison between *x*-ray and wireless in the matter of wave-length, and expressed the conviction that the uses to which *x*-ray could be put had not been exhausted. He demonstrated *x*-ray equipment. Mr. Haydock was accorded a vote of thanks on the motion of Mr. H. Carter.

Bolton

The Bolton and District Branch of the National Pharmaceutical Union held a meeting on October 8, Mr. W. Rothwell, Ph.C., in the chair. Mr. Edmund Lomax (sales manager, Wigglesworth, Ltd.) spoke on "The Individual Retail Pharmacist: His Present Problems and Future Possibilities." Mr. Lomax gave a brief survey of retail pharmacy since the economic depression of 1931 and the effect of this depression on retail turnover. The growth of clinics and the supply of free, or nearly free, medicines and foods to the unemployed were shown to have had their effect. There had also been a rise in the number of drug stores, opened, in many instances, by unqualified persons who had been at one time in the employ of qualified men. He traced the growth of multiple and chain stores and their ability to cater for out-of-the-way requirements. Multiplicity of lines was, he said, an evil to manufacturer and retailer alike, since the sale of one article meant the missed sale of another. He deprecated the manner

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in which many retailers ordered in the smallest possible quantity lines which were in everyday demand. The main thing, he thought, was for the retailer to develop an individuality. The value of own-name lines could not be over-estimated. A part of the chemist's window and counter should be permanently set apart for the display of his own lines. The speaker answered many questions from members, the experiences of some bearing out points he had made. A vote of thanks was carried with acclamation.

Chesterfield

The following officers were elected at the annual meeting of the Chesterfield and District Branch of the Pharmaceutical Society on October 14:—*Chairman*, Mr. W. F. Croft; *Treasurer*, Mr. T. H. Bradley; *Secretary*, Mr. S. C. Greaves. Mr. H. M. Hirst, Scarborough (a member of the Society's Council) gave an address on "Pharmaceutical Council Problems—Present and Future." In the discussion which followed members expressed surprise at the nature of some of the problems of the Council. Hearty approval was expressed of the suggestion that the Council should support the National Pharmaceutical Union by educating the Ministry of Health to a fuller understanding of pharmacy's difficulties and problems, and to a better appreciation of the national health services rendered by the pharmacist. Following Mr. Hirst's appeal on behalf of the Benevolent Fund, a collection made on the suggestion of the chairman amounted to £4.

Durham

A meeting of the Durham County Branch of the Pharmaceutical Society was held recently, when an address on "Poison Gases as Used in Warfare" was given by Inspector J. D. Smith (Durham County constabulary). The speaker emphasised the difference between persistent and non-persistent gases, and gave a detailed account of the four main types of gas used. He concluded by giving advice as to precautions to be taken, and answered questions. A vote of thanks to Inspector Smith and to Colonel G. Morley (Chief Constable) was moved by Mr. W. Low.

Exeter

The first of two lectures on "Air-Raid Precautions as Affecting Pharmacists" was given to members of Exeter and District Branch of the Pharmaceutical Society at Exeter recently by Commander E. T. Marston (organiser for Devon). He said that it was of the utmost importance that chemists should carry on as usual during an air raid. There would be many people who would consult a chemist before going to a doctor. He suggested that chemists should increase their stock of necessary requirements and also provide an air-lock to prevent people from carrying gas into the premises. "Business as usual" was the lecturer's advice to chemists. Mr. F. E. Battishill (Branch chairman) presided over a large and representative attendance. He expressed thanks to Commander Marston for his lecture and to Mr. F. Southerden (secretary) for making the arrangements. The second lecture will be given on October 27.

Hull

Hull Chemists' Association and Branch of the Pharmaceutical Society opened their new social season with a president's reception and whist drive at Powolny's Restaurant on October 14. Members and friends were received by Mr. A. Surfleet. After supper Mr. Surfleet made a speech welcoming the guests. He referred to the recent death of Miss Muriel Bolton, a past-president of the Association and an indefatigable worker in its interests. As a token of the regard in which she was held, some form of memorial had been suggested; this would be discussed at a later general meeting, and a fund would be opened for the purpose. All present stood for a moment as a tribute. Mr. Surfleet next presented to two past-presidents (Mr. H. S. Smart and Mr. R. H. Watson) replicas of the president's badge, and both recipients made suitable replies. A silver cigarette-case was presented to Mr. Robinson (retiring secretary) in recognition of his services over two years. Mrs. A. Surfleet distributed whist prizes to Miss Fawcett, Miss Williamson, Miss Allden, Mr. Twigg, Mr. H. Bays, and Mr. C. A. Hewitt.

Ipswich

A lecture on "Air Raid Precautions" was given to members of the Ipswich and District Branch of the Pharmaceutical Society by Mr. E. J. Death on October 11, Mr. L. Piper in the chair. The lecturer dealt fully with the various kinds of gas used in warfare and their behaviour when released from bombs. First-aid posts, methods of making rooms gasproof, treatment of casualties and the possibilities of gas warfare were discussed. A respirator and gasproof suit were demonstrated and explained. The chairman proposed a vote of thanks to Mr. Death.

Lancaster

A meeting of the Lancaster, Morecambe and District Branch of the Pharmaceutical Society was held at Lancaster on October 12, the president (Mr. C. T. Spenceley) in the chair. The secretary introduced Mr. F. G. Wells (a member of the Council of the Pharmaceutical Society), who spoke on "Present-Day Problems in Pharmacy." The speaker opened by outlining the methods by which resolutions from branches were dealt with. He passed on to the work of the Law Committee, of which he was a member. One of the difficulties in pharmacy, he said, at the present time was the dearth of apprentices. Headmasters were not recommending pharmacy as a profession, as the present rate of remuneration was not commensurate with the expense of qualification. This year there appears to be a scarcity of qualified locums, probably because so many qualified men were opening shops; but he did not anticipate any scarcity of qualified men in the future. The speaker referred to the work of the public relations officer, briefly outlining the methods by which he worked.

The discussion which followed was opened by the secretary (Mr. W. A. Smith), who opened by pointing out that a considerable portion of the weight of the Journal was frequently caused by the heavy colour advertisements. The secretary also stressed his agreement with the motion by Mr. L. Moreton Parry at the last monthly meeting of the Council with reference to the new National Health Insurance terms; he asked if a resolution from the local Branch would be of any service in this matter. Replying, Mr. Wells said that with regard to colour advertisements in the Journal, this was one of the most profitable sources of income to the Journal, but he could assure the Branch that in the future as much space as possible would be devoted to Branch affairs. With regard to Mr. Parry's motion, he thought the Council were on rather delicate ground in the matter, as anything relating to N.H.I. matters had been relegated to the N.P.U. some years ago, and to interfere now was rather usurping the duties of that body. Mr. R. Swaits asked what was being done for retail pharmacy. The income of the Society had considerably increased in the past few years, but beyond tying the pharmacist with more rules and regulations nothing had been done to help him financially in his profession; the number of pharmacists in business had increased out of all proportion to the increase in population, but nothing had been done by the Society to restrict the number of shops. The pharmacist was asked to teach dispensing, but apprentices were almost impossible to obtain; no unanimity existed with regard to Sunday closing; the N.H.I. Formulary, in many respects, was absurd. He considered that the Society and the N.P.U. should pool their brains and resources in an effort to make pharmacy a more just and profitable occupation. Mr. Wells said that the apprentice problem was being given every thought by the Council; the matter of restriction of pharmacies was also under consideration; with regard to the N.H.I. Formulary, that was not the Council's business, and he thought the Society and the N.P.U. could work better as separate bodies. Mr. R. Aked asked if the Society had any policy on the restriction of dispensing to chemists. Mr. Wells replied that the Council were in favour of restricting dispensing to pharmacists, but the difficulty was in finding the best way to deal with the matter. Mr. H. E. Cuthbert said he thought much of the drug fund was wasted by medical men experimenting with new and expensive preparations. Mr. F. Hindle proposed a vote of thanks to Mr. Wells. He considered that the Society alone should have the right to say who should dispense.

Leeds

A district meeting of the Leeds and District Branch of the Pharmaceutical Society was held at Wakefield recently, when members were entertained to a series of "talkie-films" on "Amœba" and other less scientific subjects by Mr. C. R. Duffin. Refreshments were provided by Mr. Judge, Wakefield, and by the members of the council of the Branch. The chairman (Mr. H. Hodgson) outlined the discussions that took

place at the Liverpool Conference, and Mr. J. H. Gough presented his report as an official representative. The secretary introduced the recent proposals of the British Medical Association. There was considerable informal discussion on these matters of interest, among those who took part being Messrs. Challinor, Castleford ; Heseltine, Normanton ; Judge, Wakefield ; H. Judge, Normanton ; J. F. Usher, Guiseley, and several of the Leeds members of council: Messrs. Kemp, Burns, Peters, Buckley and Stocks. Votes of thanks to Mr. C. R. Duffin, J. Judge and the chairman were passed.

Leicester

Miss Perkins presided at the sessional opening meeting of the Leicester and Leicestershire Branch of the Pharmaceutical Society on October 6. Reports from Miss L. Kay and Mr. F. Purse (delegates at the Liverpool Conference) were received. Sunday closing and the rota service were the subjects of a lively discussion. The feeling of the meeting was that the service ought to be extended to all districts of the city and county where at present there is no agreement, and it was agreed that a further meeting should be held with a view to making the scheme practicable. An appeal for greater support by members of the Benevolent Fund was made, and one or two speakers raised the question of pensions for pharmacists.

London

On October 15 the winners of the Radio Normandie competition organised by Skol Products, Ltd., were entertained by the company. In the morning the Skol offices and works were visited. This was followed by lunch at the Savoy Hotel and a visit to His Majesty's theatre. Tea was taken at Gennaro's restaurant, and in the evening each guest was given a private meeting with Gypsy Petulengro, the famous Romany. Mr. R. J. Raymond, M.P.S., general manager of Skol Products, Ltd., presided at the luncheon and welcomed the visitors on behalf of the company.

The exhibition section which was established in 1934 at British Industries House, Marble Arch, London, W.1, is to be closed on December 25, although the building will remain open for offices. A new buying centre, which is to open early in 1938, will be under the joint control of buyers and manufacturers, and negotiations are now in hand for the acquisition of suitable accommodation in the building formerly occupied by Glaves, Ltd., in New Oxford Street, W.C.1. Concessions in the form of shares in the company will be made to manufacturers applying for space before a certain date. The centre will be open all the year round. Full details may be obtained from Mr. S. A. Green, 9 Clements Lane, Lombard Street, E.C.4.

The youthful vigour of the South-West London Chemists' Association was a characteristic emphasised by several speakers at its annual dinner at the Café Royal, London, W.1, on October 20. The toast "The Pharmaceutical Society" was proposed by Mr. H. R. Edgecombe (vice-president of the Association). Mr. Edgecombe said that two propositions came before "South-Western" every year, upon which, as far as he could trace, they had never divided. One was that the toast list should include "The Pharmaceutical Society," and the other was that the president of the Pharmaceutical Society should be invited as guest. The official reports of the transactions of the Council "on those rare occasions when it was out of Committee" showed that their work had been thorough and extensive. For example, it was seen that the Council devoted part of two meetings to considering the use of a top room at 7 Galen Place. Much of this necessary work had been overlooked in a year that had had an unusual number of high spots. The new year had ushered in an unofficial committee resolved to secure an almost entirely retail Council. The reactions of the Council to this seemed to have been first defiance, judging by the co-option in June, later condescension (at the Conference), and finally acquiescence (at the September co-option). Recently attention had been directed to the subject of a new Bill for pharmacy and the separation of dispensing from prescribing. What would be the pecuniary advantage to the pharmacist who, having given up his right to prescribe Blank's (C.F. and full P.A.T.A. profits) Nerve Tonic, found that his medical colleague had decided to prescribe psychological treatment? In reply, Mr. Marns said he had watched with great pleasure their president's progress from student days. The proposer had sketched some of the activities of the Society. He might have gone further and pointed out the strong position in which pharmacy found itself to-day. On the previous day the Council had taken what might prove to be the most important step since its foundation. It had called together representatives of all pharmaceutical interests to set up committees of inquiry into the conditions of present-day pharmacy. There were four committees, which would report at the branch representatives' meeting of the British Pharmaceutical Conference in Edinburgh, if ready. It was hoped to go forward in unanimous agreement to put the calling in a better position.

"The South-West London Chemists' Association" was proposed by Mr. F. G. Davis (president, Thames Valley District Pharmacists' Association), who remarked that this year saw the jubilee of the formation of the South-Western Association. Mr. E. Neville Browne (president of the Association) suitably replied, singling out important guests for special welcome and remarking that the speeches were completed by the early hour of 9.34. Prizes were presented during the dinner as follows:—South-Western Challenge Cups: *Ladies*, Mrs. T. A. Rees ; runner-up, Mrs. Inglis ; replica, Miss Boyes ; *Gentlemen* (and replica), Mr. J. Inglis ; runner-up, Mr. Geo. Watt. Maw Challenge Shield: S.W. team (Messrs. J. Inglis (captain), Brook, Browne, Fitch, Garden, Watt and Atkinson). Keall Cup: Mr. A. M. Garden. The "British and Colonial Pharmacist" window-judging second prize was presented to Mr. Eddie Gray (a pharmaceutical apprentice and associate member of the Association). Dancing followed until 1 a.m., and during an interval Mr. Leonard Henry gave an entertainment which included a droll turn in which he wore a civilian-type gas mask.

At the head table were Mr. and Mrs. G. Thomas, Miss Blundell, Mr. A. R. Melhuish, Mr. and Mrs. F. G. Wells, Mr. and Mrs. John Keall, Mr. and Mrs. Fred Storey and Miss Storey, Mr. and Mrs. Thomas Marns, Mr. and Mrs. E. Neville Browne, Mr. G. A. Tocher, Mr. and Mrs. Herbert Skinner, Mr. and Mrs. W. C. Spooner, Mr. and Mrs. F. G. Davis, Mr. and Mrs. A. Mortimer, and Mr. and Mrs. Peter Irvine. The spurs were in charge of Messrs. D. A. Rees, P. H. Woodnoth, H. R. Edgecombe, W. Atkinson, P. Sparks, F. J. S. Begg and H. A. Tibbett. Others present included Mr. E. Skues, Mr. E. A. Atkins and Miss E. T. Borrowman.

Manchester

A bridge and whist drive was held by the Manchester Branch of the Guild of Public Pharmacists on October 14. The following were the prize-winners:—WHIST: Mrs. J. G. Lewis, Mr. K. Blanchard, Mr. A. W. Scott, Miss E. Ross, Miss E. M. Pollitt and Mr. L. Hazlegrove. BRIDGE: Mrs. R. Wilson, Mrs. E. M. Robinson, Mr. R. Wilson, Mr. E. Wilcox, Mr. A. E. Stubbs and Miss J. Bayley.

At Salford Police Court, on October 20, Bertram Ramsbottom, chemist and druggist, Ramshead Corner, Longton, Preston, was sent to prison for four months on each of two charges of receiving stolen goods to the total value of £137, the sentences to run consecutively. Ryder Collings, Avondale Road, Irlams-o'-th'-Height, was bound over for twelve months, and William Grandsome, Balliol Street, Higher Crumpsall, was sent to prison for four months on charges of stealing goods belonging to Hough Hoseason, Ltd., manufacturing chemists, Holland Street, Pendleton, to the value of £135. All pleaded "Guilty."

A reception and dinner-dance organised by the Manchester, Salford and District Branch of the Pharmaceutical Society, held at the Manchester Limited Restaurant on October 13, inaugurated the winter session of the Branch. There was an attendance of about 250 members and friends. After dinner the chairman (Mr. J. H. Franklin) welcomed the guests and expressed gratification at the large gathering. During an interval in the dancing a cabaret performance was given by Madame Desmond's troupe of dancers. The M.C.s were Mr. H. Steinman and Mr. W. E. Phillipson. The utmost enthusiasm prevailed.

Margate

A meeting of the Isle of Thanet Chemists' Association and Branch of the Pharmaceutical Society was held at Margate on October 13, with Mr. R. S. Beecham in the chair. The speaker was Mr. J. C. Young (a member of the Society's Council), who dealt with the objects and aims of the Benevolent Fund ; stressed the importance of attendance of members at the Conference ; and stated that a Committee had been set up to consider conditions under which pharmacy is practised in this country, the changes which are considered desirable, and the methods by which they may be achieved. The speaker out-

lined his own ideals, which were that doctors should cease dispensing ; that the Society be the only authority to grant dispensing diplomas ; extension of National Health Insurance to wives and dependents ; limitation of drug stores ; limitation of pharmacies ; better pay for N.H.I. and no discounting. Questions followed, and a vote of thanks was proposed by Mr. C. R. Clarkson.

Newcastle

The annual dinner of the Newcastle District and Northumberland Branch was held in the Royal Station Hotel, Newcastle-on-Tyne, on October 13. The toast "The Pharmaceutical Society of Great Britain" was proposed by Mr. R. V. Atkins, who expressed some concern at the shortage of qualified chemists, which he attributed to the unattractive nature of the profession at the present time, and the restricted flow of apprentices due to the higher standard of the examinations and more stringent regulations. He felt that the effect of this shortage would first be manifest in suburban areas, where, as a rule, hours were longer and conditions more tedious than in the centre of the city. He could foresee, in the near future, that the Society would be faced with a serious problem. In his reply, Mr. Walter Deacon endeavoured to allay the speaker's fears and said that any shortage could hardly be attributed to the raising of the examination standard, because it had been in operation only two or three years. "There are more entrants for pharmacy now than are required to keep the Register up to the required level," he said. Mr. Deacon made an appeal for co-operation with the medical profession and Members of Parliament, advising the solicitation of their sympathy and support in any measure that might be brought forward, and adding that work in this direction would be in vain if there was not unity among chemists themselves. Mr. H. S. Williamson, who proposed "The Medical Profession." urged more co-operation between chemists and doctors. Dr. H. H. Goodman replied. "The Ladies and visitors" was proposed by the chairman (Mr. R. Hay) and responded to by Mr. A. Denville, who promised to do whatever he could for pharmacy.

Portsmouth

The fourteenth annual meeting of the Portsmouth Branch of the Pharmaceutical Society was held at the Southsea Club on October 13, Mr. W. L. B. Murray in the chair. The treasurer's report showed a balance in hand of £18, with an average membership of 220, including student-associates. Mr. H. A. Mecoy was elected *Chairman*, Mr. T. A. Johnson *Vice-chairman*, Messrs. J. E. Eyres and J. W. Rhodes *Auditors*. The following were elected to the *Committee*: Messrs. Atterbury, C. Fry, F. Hemming, W. L. B. Murray, E. D. Lewis, T. A. Johnson, W. H. Bown, A. W. Goddard, M. L. Gregory, W. L. Egerton, N. Francias, E. B. Johnson and H. T. Burden, with the chairman, vice-chairman, treasurer and secretary *ex officio*. Mr. G. W. Darling was re-appointed *Treasurer*, and Messrs. Atterbury, C. Fry, F. Hemming, W. Murray, W. E. Bown, A. W. Goddard, M. L. Gregory, R. G. Tremlett, W. L. Egerton, C. E. Green, T. A. Johnson and F. H. Ruoff were elected to the *Entertainment Committee ;* Mr. F. H. Ruoff was re-elected *Secretary*.

Reading

Doctors, chemists and voluntary workers of Reading recently celebrated the silver jubilee of National Health Insurance at a dinner at the Great Western Hotel. The dinner was arranged jointly by the Insurance Committee, the Panel Committee and the Pharmaceutical Committee, and guests included some of the first members of the Reading Insurance Committee as well as leading public men and workers in the National Health scheme. A guest of honour was Mr. T. A. E. Spearing (president of the National Association of Insurance Committees). Mr. Spearing proposed the toast of the Reading committees. Alderman A. J. Maker (past-chairman of the Insurance Committee) replied.

The annual meeting of the Reading and District Branch of the Pharmaceutical Society was held on October 14, Mr. A. E. Breakspear in the chair. The secretary reported a slight increase in average attendance during the session. Mr. E. C. Cripps and Mr. A. Greenwood Watkins gave their report of the branch representatives' meetings at the Liverpool Conference. The following officers and committee were elected: *Chairman*, Mr. E. C. Cripps ; *Vice-Chairman*, Mr. J. W. Todd ; *Secretary*, Mr. A. Greenwood Watkins ; *Assistant Secretary*, Mr. T. E. Ormrod ; *Treasurer*, Mr. R. H. Bluring ; *Auditors*, Miss Croft and Mr. G. Green ; *Committee*, Miss Croft, and Messrs. J. R. Butler, W. J. V. Fawden, J. C. McGould, W. Z. Pullen and F. W. Vasey. An account given of the proposed public medical service for Berkshire led to considerable discussion. It was resolved to ask the organiser (Mr. W. G. Blair) to address the members, at an early date, in order further to elucidate the scheme. Lieutenant K. N. Hoare gave an address on the latest developments in air-raid precautions and the place of pharmacists in the scheme. A vote of thanks to Lieutenant Hoare concluded the meeting. A collection was made for the Benevolent Fund.

Miscellaneous

League of Nations.—We have received the report of the Fifth Committee on "Traffic in Opium and Other Dangerous Drugs," submitted to the Assembly. (A.66. 1937. XI.) The report deals with the application of existing opium conventions, the situation in the Far East (especially in relation to clandestine manufacture), and preparatory work for a conference to limit cultivation of the opium poppy and production of raw opium.

Apathy.—The shopkeepers of most Lancashire towns are taking steps to revise their closing orders. The subject came before the Burnley Chamber of Trade on October 14, when the secretary reported that he had distributed 240 circulars, to which only 98 replies had been received. These showed 71 in favour of 7 p.m. closing on Thursday, and 15 did not favour any reduction of hours. The chairman did not think the numbers who had voted warranted action being taken. It was pointed out that an Early Closing Order was already in operation in respect of chemists.

Scottish Notes

Edinburgh

The new premises of the Royal Public Dispensary in West Richmond Street, Edinburgh, are nearing completion, and it is hoped to have occupancy on January 1, 1938. The existing building on the other side of the street has been in use since 1776, and will be demolished.

Principal Smail was congratulated on his success in obtaining the recognition of Heriot-Watt College for the training of students for the higher qualifications of the Pharmaceutical Society, and the University of London, at a meeting of the governors of the College in Edinburgh on October 9.

Glasgow and West of Scotland

Fourteen factories have already been leased on the Hillington Industrial Estate, Glasgow. A new ammonia factory is to be erected at Mossend which will give employment to 200 workers.

A presentation has been made to Mr. George Borthwick, M.P.S., on his retirement from the position of apothecary to the Glasgow Royal Infirmary after thirty-six years' service.

Proposed presentation.—The committee of the Glasgow and South-Western Scottish Branch of the Pharmaceutical Society is proposing to recognise the honour conferred on Mr. James P. Todd, Ph.D., Ph.C., by his recent appointment to the chair of pharmacy in the Royal Technical College, Glasgow, which is affiliated to Glasgow University. The presentation will be made on November 10 in the Gordon Restaurant. Subscriptions, maximum 5s., will be received by the secretary of the Branch, Mr. P. M. Duff, 143 Dumbarton Road, Glasgow, W.1.

A meeting of the Glasgow and South-Western Scottish Branch of the Pharmaceutical Society was held in Glasgow on October 13, Mr. A. B. Gilmour (chairman) presiding. The chairman extended the congratulations of the Branch to Mr. Thomas Guthrie on his appointment as vice-president of the Pharmaceutical Society. A copy of the British Pharmaceutical Codex was presented to Mr. Robert Crawford, winner of the Kinninmont award and a Fairchild scholarship in 1936. The Kinninmont prize, consisting of a cheque for £10 10s., was presented to Mr. Leslie Douglas, with a copy of the Codex as a personal award to the runner up, Mr. William Smith. The chairman presented the report of the representatives to the Conference, discussion developing on various points. The speakers included Miss Bain and Messrs. Meldrum, Smith, Guthrie, P. M. Duff, H. P. Arthur, Speirs, Officer and Culbert.

Irish Notes

Ulster Chemists' Association

The monthly meeting of the Executive Committee was held at 73 University Street, Belfast, recently, the president (Mr. A. Steede) in the chair. An apology for non-attendance was received from Mr. J. McGregor. The secretary being absent through illness, Mr. Richey acted as secretary. It was found necessary to postpone the meeting of the subcommittee appointed at the previous meeting until a future suitable date. The annual meeting was fixed for November 17. A discussion, initiated by Mr. Dundee, took place on recent enactments making changes in the Poisons Lists. Instructions were given that the Pharmaceutical Society of Northern Ireland be informed that this Association considered it absolutely necessary that each licensed chemist should be advised by post by the P.S.N.I. of all recent and future enactments altering the Poisons Lists, the particular poisons to be specifically mentioned. Certain price alterations were considered and adopted.

Belfast

Mr. T. L. Cole, Ph.C., Belfast, has been placed first on the rota of names to be submitted for the position of High Sheriff of the City of Belfast. Mr. Cole is a member of the City Council.

A meeting of the ladies' social pharmacy committee was held at 73 University Street, Belfast, on October 13, Mrs. F. Storey in the chair. Mrs. McGregor was welcomed as a new member. Arrangements were made to hold the annual dance in aid of the Chemists' Benevolent Fund at the Plaza, Belfast, on November 10. Tickets can be obtained from Mrs. F. Storey (chairman), Maormar, Cultra, co. Down; Miss A. Laverty (secretary), 34 Springfield Road, Belfast; Miss R. Barry (assistant secretary), Glentulla, Jordanstown; or from any member of the committee.

Dublin

A beauty contest organised by Irish Pharmaceuticals, Ltd., to popularise their Dawn cosmetic preparations, was decided at a largely attended ball held at the Gresham Hotel, Dublin, on October 6. The guests were required to vote on some fifty competitors, the first prize of £50 being accorded to Miss M. Fitzsimons, Rathgar, Dublin. Each of the fifty girls on parade was made up by Dawn beauty specialists, and the prizes were presented later by Mr. S. T. McCauley (managing director, Irish Pharmaceuticals, Ltd.). The guests present included Mr. Sean Lemass (Minister for Industry and Commerce) and Mrs. Lemass, Alderman Alfred Byrne, T.D. (Lord Mayor of Dublin), Mr. P. C. Cahill, M.C.P.S.I., and Mrs. Cahill, Mr. H. P. Corrigan, M.P.S.I., Mr. J. K. Whelehan, M.C.P.S.I., and Mrs. Whelehan, Mullinger, and many pharmacists from Dublin and district.

A strong plea for the physician and the apothecary was made by a former senator, Dr. Oliver St. John Gogarty, in his inaugural address at the opening of the Meath Hospital Clinical Session in Dublin on October 15. In the Free State, with a falling population, they found, said Dr. Gogarty, the hospitals returning records of more cases treated than ever before. Years ago the procedure was that a doctor examined his patient and prescribed for him in the knowledge of his history and his family's history. A fully qualified apothecary compounded that prescription. Huge firms now appeared to be engaged solely in an ever-increasing output of patent medicines. The advertisements in the daily papers necessary to make the patient forget his individuality and become infected with whatever disease the patent pill purported to cure ran into millions of pounds per week. He objected strongly to the mass production of imaginary diseases—diseases suggested by these interested in the sale of a patent cure. Things had come to such a pass that even food had to be advertised as if it were a kind of medicine, and health was represented as a condition requiring perpetual vigilance for its victim and specially prepared medicines and foods.

Miscellaneous

DAMAGE AWARD.—At Armagh Quarter Sessions, on October 14, Mr. A. C. McBride, Ph.C., Upper English Street, Armagh, was awarded £18 10s. compensation for the scoring of plate-glass windows in his pharmacy.

ELECTED BOROUGH COUNCILLOR.—Mr. S. H. Forrest, Ph.C. (newly elected president of the Pharmaceutical Society of Northern Ireland), has been returned unopposed as a member of the Bangor Borough Council. He had not previously sat on the Council.

Topical Reflections

By Xrayser

The Post-war Years

have been distinguished by the progress that has been made in the manufacture of fine chemicals; and your editorial article on the twenty-first anniversary of the formation of the Association of British Chemical Manufacturers leads the way to a perusal of the records of the many firms who are members of Group VI of the Association (pp. 453-464). At the close of the war few firms were organised to undertake the manufacture, particularly on a large scale, of many chemicals, quite apart from the fact that the raw material had often to be obtained from abroad. New buildings were badly needed, and in the first few years there were many obstacles; new plant had to be devised and new staffs had to be trained. All this, however, has been overcome. Perhaps the most spectacular work in this field was the production of insulin. Although it was at first doubted whether this would ever be a commercial proposition, the cost of production has been so reduced that to-day a 5 c.c. vial is selling for something like a twentieth of the original price. The pharmacist has been a great gainer by the labours of British manufacturers, inasmuch as new fields of business have been opened to him. He has been able to sell a range of photographic chemicals produced in this country with all that this implies; the preparation of vitamins, natural and synthetic, has put into his hands a new range of articles for sale over the counter; his packaging problems have been simplified by the use of articles made from aromatic synthetics; fresh series of toilet preparations have been placed on the market based on the different isolates; many new proprietaries, mainly "ethical," are to be found in pharmacies where they were unknown in pre-war days. I should like to add my tribute to yours and congratulate the Association on the completion of twenty-one years' work in the interest of the craft.

The Publication

of two new histories, one of chemistry, the other of pharmacy (p. 448), within a few days of each other is an event of some moment to pharmacists, whether students or otherwise. In the rush of modern life there has for years been a tendency on the part of many to ignore beginnings, to live in the present and forget the labours of those to whom the advantages of the present are due. Yet it is a truism that unless we know something of the history of a calling or science our knowledge of it is incomplete. I welcome these two histories, and particularly the "History of Pharmacy," because through a study of it our young people will be able to get some idea of its antiquity and particularly its strong links with the vocation we carry on to-day. Part III is of great interest to me because it deals with the transition from alchemy to modern chemistry, and much of this was accomplished during the eighteenth century. If we examine the Pharmacopœia in use at the beginning of that period, we find strange preparations made from materials such as "moss growing on a human skull," the carcass of a man, and others hardly printable. But if we consult a list of articles in use in the pharmacies at the end of the century, it will be seen that they differ little from similar ones now in use except in their nomenclature and their purity. "A Hundred Years of Chemistry" has a different and more modern story to tell. In many ways it is the complement of the history of pharmacy, though there is bound to be some overlapping.

Legal Reports

A "Code of Ethics."—In the Chancery Division of the High Court, London, on October 19, before Mr. Justice Crossman, Mr. Harry James Draper, who is employed by James Lucking & Co., opticians, Birmingham, as manager of their Worcester branch, moved for an interim injunction restraining the British Optical Association, Brook Street, London, W.1, from enforcing on him a code of ethics and from removing his name from the register of members of the Association. Mr. Fergus Morton, K.C., said that Mr. Draper was a Fellow of the Association, which was seeking to impose on him a code of ethics which laid down that members of the Association must not advertise prices. Mr. Draper's employers had advertised prices of their goods, but there was no allegation of personal impropriety by him. Counsel submitted that, unless the Association altered its articles, it had no power to say to a member "You shall obey the code of ethics." Mr. Croom Johnson, K.C., for the Association, said they had over 3,000 members. A complaint having been made against a member, the Council of the Association must investigate it, and there was no evidence that they were not proceeding *bona fide* to exercise the duty imposed on them. Mr. Draper had not been expelled from the Association, and the Court could not assume that when the Council investigated the complaint it would do something beyond its powers. After a consultation, counsel agreed that no order be made on Mr. Draper's motion on the understanding that the meeting at which the complaint will be investigated be adjourned until fourteen days after the trial of the action by Mr Draper against the Association.

Pharmaceutical Society of Ireland's Appeal.—After a four days' hearing which concluded on October 19, judgment was reserved in the High Court, Dublin, by the President (Mr. Justice Maguire), Mr. Justice Hanna and Mr. Justice O'Byrne in the case stated by Circuit Judge Davitt at the request of the Pharmaceutical Society of Ireland, the respondents being the Special Commissioners of Income Tax. The Society claimed that it was a body established for charitable purposes, and therefore exempt from income tax. The Society was first assessed for income tax for the year 1933-34. Under Schedule D it was assessed on £700 held to be profit from trade concerns, schools and examinations, and on £299 in respect of interest and income from securities and possessions, the tax at 5s. in the £ amounting respectively to £175 and £74 15s. The Society was also assessed under Schedule A in respect of the premises of 67 and 67A Lower Mount Street, Dublin, the poor-law valuation of which is £53 10s. The Society appealed first to the Special Commissioners, who held that it was liable. The case was then taken before Circuit Judge Davitt, who also decided against the Society. Regarding the income derived from the Society's schools, Judge Davitt said he was of opinion that this was income derived from the carrying on of a trade within the meaning of Section 237 of the Income Tax Act, 1918. Mr. Matheson, B.L., who with Mr. J. A. Costello, K.C., appeared for the Society, submitted in the course of lengthy argument that the purpose of the Pharmaceutical Society, being partly educational and partly for the general benefit of the community, showed that the Society was in fact established for a charitable purpose.

Pharmacy and Poisons Act, 1933.—At Manchester County Police Court, on October 15, two Walkden tradesmen were summoned by the Pharmaceutical Society for selling Famel brand Syrup not under the supervision of a pharmacist; not having premises registered under the Act; selling poison when not authorised; and selling poison in a container not labelled. Mr. E. McManus, prosecuting, said that Harry Lee, 160 Walkden Road, Walkden, occupied fairly extensive premises at that address. The prosecutors were not suggesting that the defendant sold the article knowing it was poison, but if he had had any pharmaceutical training he would have known that it contained a scheduled poison. On behalf of the defendant Mr. E. Francis pleaded "Guilty." Lee was fined 5s. in each of the four cases, and ordered to pay £1 12s. 6d. costs.—Joseph Foster, 54 Bolton Road, Walkden, was similarly summoned. Mr. McManus said the circumstances were identical, and the magistrates imposed the same penalty.

At Halesowen Police Court, on October 12, Beatrice A. Williams, Hasbury, was fined £2, with £1 11s. 6d. costs, for having sold poison without being authorised. She was also ordered to pay 4s. costs on each of three other summonses in respect of the sale. Mr. G. T. Higgs, who pleaded "Guilty," said Mrs. Williams was formerly a chemist's assistant, and after marriage open a drug store.

Fines amounting to £6 10s., with £3 13s. 6d. costs, were imposed at Coventry City Sessional Court, recently, on Claud D. Arkell, Sandy Lane, in respect of a sale of Anestan tablets.

At Smethwick Police Court, on October 18, E. B. Whitehouse, Ltd., Bearwood Road, were summoned for having sold a poison in accordance with a prescription given by a qualified medical practitioner and failing to retain the prescription on the premises where they were dispensed in such a manner as to be readily available for inspection. Mr. E. McManus prosecuted. For the defence, Mr. Cooper said it was a merely technical error. The Health Insurance prescriptions were kept in a place to be sent to the National Insurance Committee, and those for private patients were kept separate. By a mistake the three prescriptions, in respect of which his clients pleaded "Guilty," were put with the National Health prescriptions. They had been discovered and were now in Court. The chairman imposed a fine of 10s. in each of the three summonses, with costs, a total of £3 12s.

At Spelthorne Petty Sessions, Feltham, on October 19, Mr. H. E. Clement, chemist and druggist, Hampton Hill, was summoned for having sold by retail ephedrine in Do-Do tablets, the sale being effected by a person other than a registered pharmacist. Mr. Clement was represented by Mr. H. Glyn-Jones, barrister, and pleaded "Not guilty" on the first summons but "Guilty" on the second. Mr. A. C. Castle, prosecuting, said that the defendant had three shops and employed two registered pharmacists. He spent part of his time at this particular shop and at times left it without any qualified control. Evidence of purchase was given by Miss Marrable and Mr. Coombes. Mr. Glyn-Jones asked the second witness if he considered that the slightest harm would be done to an ordinary person who took the whole of the tablets, and the witness replied in the negative. Mr. Glyn-Jones suggested that even a qualified man's memory might fail on so small a point over a sale of some proprietary tablets. Witness said he agreed. The defendant had employed three qualified men previously, but was without one temporarily because he could not fill the vacancy suitably. There had been a qualified man at the shop. He did not know that the shops were linked by a private telephone so that defendant could be called within five minutes. The assistant made no attempt to get in touch with the defendant. Mr. Clement said he had been a registered pharmacist forty-five years, with businesses at 189 and 62 High Street, Hampton Hill, and at Priory Road, Hampton. Most of his poisons were stocked and dispensed at 62 High Street. His assistant had been in the profession a long time and was well versed in it, but was not qualified. He had given instructions that no article coming within the Schedules was to be sold in his absence. He kept no "dangerous" drugs at those premises, and he was always available on the telephone. Mr. Glyn-Jones said there had been no High Court ruling as to what was meant by "personal control"; but in similar cases under the old Act it was allowed if a proprietor was personally engaged in the management of his business, whether he was on the premises or not, he was within the Act. The defendant was maintaining proper control of his business whilst absent temporarily. Both summonses were dismissed, costs being allowed on the second. Mr. Castle intimated that he might appeal.

Gazette

Receiving Orders and Adjudications

JEFFERY, G. G., 21 Eldon Road, Winton, Bournemouth, chemist.

FITTON, E. A., 9 Mint Street, Lincoln, chemist.

Company News

P.C. means Private Company and R.O. Registered Office

T. Leclerc, Ltd. (P.C.).—Capital £6,500. Objects: To carry on the business of wholesale and retail chemists, druggists, etc. The first directors are not named. R.O.: Northgate House, 20 Moorgate, E.C.2.

Cefonin Co., Ltd. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in pharmaceutical preparations, chemicals, drugs, medicines, etc. The first directors are to be appointed. R.O. not given.

Chemika, Ltd. (P.C.).—Capital £1,000. To carry on the business of manufacturing, research and analytical chemists, wholesalers of fine and heavy chemicals, etc. Moss Shara, 147 Holmleigh Road, N.16, director. R.O.: 126-7 Whitechapel High Street, E.1.

S. Matz, Ltd. (P.C.).—Capital £1,500. Objects: To carry on the business of wholesale chemists and druggists, opticians, etc. Solomon Matz and Mrs. Rose Matz, both of 100 Bury Old Road, Salford, Lancs, directors. R.O.: 341 Cheetham Hill Road, Manchester.

Electrolytic Chemical Products, Ltd. (P.C.).—Capital £2,000. Objects: To carry on the business of manufacturers and sellers of deodorants, disinfectants, antiseptics and all chemical products, etc. The first directors are to be appointed. Solicitors: Allen & Overy, 3 Finch Lane, E.C.3.

Desitin Products, Ltd. (P.C.).—Capital £1,000. Objects: To carry on business as manufacturers of and dealers in chemicals, drugs, etc. The first directors are Carl Klinke, Max Berthold Klein and Wolfram von Gugel, addresses not stated. Solicitors: Albert Fletcher & Co., 23 College Hill, E.C.4.

British Biological Cosmetic Laboratories, Ltd. (P.C.).—Capital £2,000. Objects: To carry on the business of manufacturers of and dealers in perfumes and essences, soaps, powders, toilette preparations, and similar articles, chemists, druggists, etc. Eli Morris, Greenfield House, Hollywood Lane, Frindsbury, Kent, director. R.O.: 404 Edgware Road, W.2.

Overbecks Rejuvenator, Ltd. (P.C.).—Capital £6,000. Objects: To carry on the business of manufacturers of and dealers in all kinds of medical and surgical instruments, and in particular the electrical appliance described as "Overbeck's Rejuvenator." The permanent managing directors are: Reginald C. Smith, 28 St. Ann's Avenue, Grimsby; Edwin C. Ayre, 7 Augusta Street, Grimsby.

Coates Brushes, Ltd. (P.C.).—Capital £5,000. Objects: To acquire the business of brush and toilet ware manufacturers carried on by Coate & Co. (Axminster), Ltd., at Nimmer Mills, Chard, Somerset; to adopt an agreement with R. E. Ware, receiver and manager of the above-named company, etc. The first directors are Donald C. Cameron, Gustave H. S. McLennan, Thomas C. McLennan and Harold Heywood.

British Alkaloids, Ltd.—Interim on ordinary shares of 12 per cent., less tax (9 per cent.), and on participating preference of 8 per cent., less tax (6 per cent.), payable November 3 to shareholders registered October 20.

Dufay Chromex, Ltd.—The company announces an initial loss of £2,548 for the period to May 31, 1937. Trading revenue, the directors point out, is for the month of May only —"a period largely occupied in consolidating and organising the merged businesses"—while expenditure covers a period of sixteen months since incorporation. Administration and technical expenses, etc., take £20,985, and, adding interest payable and directors' fees, the total is £23,533. The balance of trading was £79, and, after transferring £20,906 to development account, the debit balance of £2,548 is carried forward. The consolidated balance sheet shows cash amounting to £52,298, while the amounts charged to development aggregate £176,480. In the short time since the public issue in May, the report adds, progress has been made in the marketing of the company's products and in consolidating the various branches of the business.

South African News

Business change.—South African Druggists, Ltd., Johannesburg, have acquired an interest in the business of Heynes Mathew, Ltd., Cape Town.

Mr. Harold J. Dobbs, managing director of Johnson & Johnson (Great Britain), Ltd., surgical dressings manufacturers, arrived on the "Warwick Castle" from England on October 11 for a month's tour of the Union. He will visit the company's branches in Cape Town, Johannesburg, Durban and Port Elizabeth.

Ethics.—A new code for chemists, approved by the Minister of Public Health, has been drawn up by the South African Pharmacy Board. The code, comprising a list of acts which chemists may not do without being liable to be taken before the Board, has been published in the "Government Gazette." The following are some of the thirteen things a chemist may not do: He may not substitute or omit ingredients in a prescription without the approval of the prescriber; nor may he criticise the composition or merits of a prescription with a patient, nor comment on the professional ability of the doctor prescribing it. The chemist and druggist may not "tell," for one of the crimes of his profession is "divulging to a third party the nature of a disease or ailment being treated, except by order of a court of law." Neither may he dispense or in any way be a party to the use of secret or cipher prescriptions. It is forbidden to pay to a medical practitioner a secret commission or consideration in connexion with a prescription. A chemist must not associate himself in partnership with an unregistered person nor allow his name to be used as a cloak or cover for anyone not entitled by law to carry on the profession of chemist. If any prescriptions directed to another chemist reach him, he must not compound them. He is called on to keep proper registers for his prescriptions and he must register his apprentices. Another crime is to occupy premises as a pharmacy through which there is an entrance to a doctor's consulting room; he is also forbidden to allow a doctor to have a nameplate at the entrance to his shop. He cannot advertise in any way to suggest that "his professional skill or ability, or his facilities for dispensing are of a higher order than those of other chemists or druggists," and his shop must have only the words "pharmacy" or "dispensing department" outside it. His letter-heads can only contain references to his hours and the names of bodies with which he holds dispensing contracts.

Sale of Patent Medicines.—The appeal of Cash Wholesales, Ltd., Durban, has been upheld in a judgment delivered on September 15 in the Natal Provincial Division of the Supreme Court by Mr. Justice Feetham, Mr. Justice Hathorn and Mr. Justice Carlisle concurring. The Natal Pharmaceutical Society were the objectors to the Cash Wholesalers' application for renewals of licences to sell patent medicines at their premises in Field Street and West Street, Durban, and the appeal just heard was against the decision of the Durban City Council in reversing the licensing officer's decision to grant a certificate of approval. In the course of his judgment, Mr. Justice Feetham remarked that the respondents largely relied for the purpose of making their case on the grounds of unfair trading and also on the arguments that departmental stores such as those carried on by the appellants had at their command greater capital resources which enabled them to trade on a larger scale than most chemists and druggists, and they were thus benefited by purchasing goods in bulk at reduced prices. It could not reasonably be contended that by reason of such advantages the appellants competed unfairly with the registered chemists and druggists. The respondents' complaints of undercutting were not borne out by the evidence. The respondents also tried to show that by reason of the competition chemists were being driven out of business. "This evidence," said the learned judge, "is obviously too vague and general in character to establish the case which the respondents sought to make. There remains the point as to the alleged danger to the public from the indiscriminate sales of patent medicines which may contain harmful ingredients. But this argument, like some of the arguments already dealt with under the head of unfair trading, is really an argument in favour of giving chemists a monopoly of the sale of patent medicines."

Scottish Pharmaceutical Federation

A MEETING of the Executive Council of the Scottish Pharmaceutical Federation was held in Edinburgh recently, Mr. P. M. Duff (president) in the chair. Five applications for membership were passed.

The audited accounts of the Federation, which showed a substantial surplus for the past year, were unanimously adopted.

DISPENSING TESTED

The following are examples of complaints made against members in N.H.I. test prescription cases:—(1) Alleged excess of acid. sulph. dil. in a mixture; (2) alleged deficiencies in sod. salicyl. and sod. brom. in a mixture; (3) alleged deficiency of acid. sulphuric. in a mixture; (4) alleged deficiency in hydrogen peroxide; (5) alleged deficiency of liq. magnes. carb. in a mixture; (6) alleged deficiency of sod. brom. in a mixture. Five of the members received a free analysis, and each member was advised as to the course he should adopt.

INDEMNITY CLAIMS

The following indemnity claims were reported:—Claim by a lady who broke her leg as a result of falling down a manhole in front of member's premises; settled for £450. Claim in respect of an error in dispensing sal antisepticus instead of sal hepatica, as a result of which it was alleged the claimant was seriously upset; settled for £30. Claim by a man who tore his coat on a showcase in front of a member's shop; settled for 7s. 6d. Claim in respect of an error in supplying acetic acid instead of hydrogen peroxide, as a result of which it was alleged by the claimant that he was badly burned; settled for £2 and £1 1s. expenses. Attention was drawn to the necessity for reporting to the secretary without delay any occurrence which might lead to claims being made.

PACKAGES FOR DISPENSING

The inadequate gross profit on sales of proprietary articles which are advertised to doctors for dispensing purposes was discussed. It was decided to write to the National Pharmaceutical Union with a view to a dispensing fee being charged if possible in England, Wales and Scotland on all sales of these preparations.

LEGAL ITEMS

A case under the Food and Drugs (Adulteration) Act, 1928, was reported. A member was charged with selling (*a*) fluid magnesia alleged to contain 0.294 gram of magnesium bicarbonate per 100 mils instead of the B.P. quantity; and (*b*) lime water alleged to contain 0.144 gram of calcium hydroxide per 100 mils instead of 0.15 gram. The member was defended by the Federation's solicitors and was fined 25s. on the fluid magnesia charge; the lime water charge was dismissed.

Complaints by a member that advertisements for certain products mentioned the names of specific chemists were taken up with the companies concerned. One of the companies has since deleted the names complained of.

A complaint by a member regarding water which came through the ceiling of the back room in his shop with the result that part of the ceiling collapsed and damaged his sight-testing chair, case containing lenses, stock and other items, was investigated, and the member was advised to endeavour to obtain information as to whether the owner knew of the defects and delayed to take action.

A member's car insurance policy did not cover the use to which the car was being put at the time of an accident, and his claim against his insurance company was repudiated by the company. The Federation took the matter up with the company and ultimately obtained from them for the member the sum of £45.

A MINISTRY OF LABOUR COMMITTEE

Letters from the Ministry of Labour's "Holidays with Pay Committee" were submitted, and the secretary was instructed to reply to the effect that the Federation did not wish to submit verbal evidence to that Committee; that the custom in the trade is to pay for holidays in lieu of extra services and special concessions made by employees during, say, winter epidemics, etc.; and that it was understood that the matter of holidays with pay would be taken into consideration in the Ministry of Labour's present inquiry.

SALE OF METHYLATED SPIRITS

Letters from the Secretary of State for Scotland were read (1) asking if the Federation had any observations to make as to the earliest date on which the new Methylated Spirits Act might be brought into operation, and (2) enclosing draft of the Methylated Spirits (Sale by Retail) (Scotland) Order with relative Schedules, proposed to be made in pursuance of powers conferred by the Act and asking for any observations the Federation may care to offer. The secretary was instructed to reply that in both cases the Federation had no observations to make.

Meeting at Greenock

Under the auspices of the Federation, a mass meeting of retail chemists carrying on business in Greenock, Gourock, Port Glasgow and district was held in Greenock on October 15, Mr. C. A. Buick (Port Glasgow) in the chair.

MR. P. M. DUFF (President of the Federation) explained the Federation's draft Chemists' Friends scheme for Scotland. After a full discussion the following resolution was unanimously passed:—

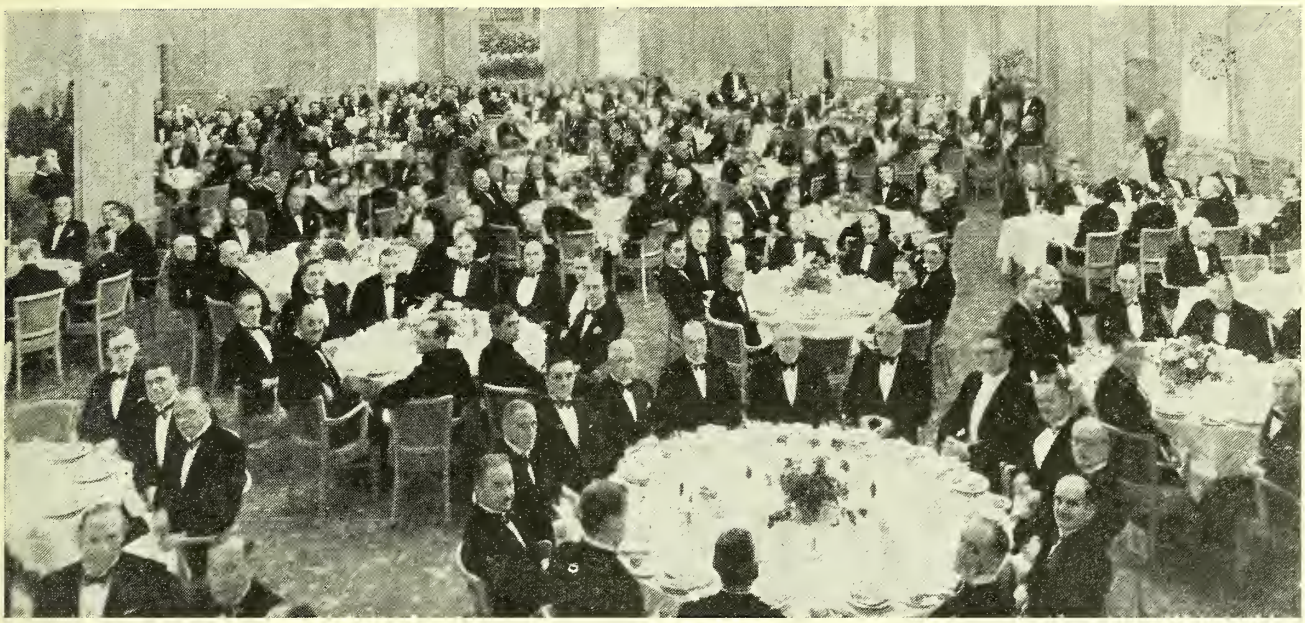
> "That the retail chemists present at this meeting of Greenock, Gourock, Port Glasgow and district retail chemists, having given careful consideration to a Chemists' Friends scheme for Scotland drafted by the Executive Council of the Federation and as contained in a draft form of minute of agreement between the Federation and manufacturers willing to join the scheme, are of the unanimous opinion that the Federation should inaugurate a Chemists' Friends scheme on the lines of the draft minute of agreement, and they promise that, in the event of the scheme being put into operation, they will give it their loyal, wholehearted and unswerving support."

MR. JOHN WEIR (vice-president) reported on matters which had been occupying the attention of the Executive Council of the Federation, including (*a*) medicine stamp duties, (*b*) Methylated Spirits (Sale by Retail) (Scotland) Act, 1937, (*c*) Ministry of Labour's present inquiry into the wages, hours and conditions in the retail distributive trades in Scotland, and (*d*) inadequate gross profit on sales by retail chemists in Scotland of proprietary articles advertised to doctors for dispensing. In the last-mentioned connexion, Mr. Weir stated that the Ethical Pharmaceuticals Association could not see their way, as desired by the Federation, to recommend their members to grant an increased retail discount to retail chemists on purchases of these preparations, and that the Federation were in communication with the National Pharmaceutical Union in the hope that it might be possible to arrange for a dispensing fee to be charged by chemists in England, Wales and Scotland on sales of these preparations.

MR. H. GRAHAM MACMILLAN, C.A. (secretary), gave particulars of numerous matters dealt with by the Federation on behalf of members during the past six months. He also referred to many letters of appreciation received from members for the assistance given to them by the Federation, and to the fact that the membership and funds of the Federation were greater than they had ever before been.

On the motion of MR. BUICK, a hearty vote of thanks was accorded to Messrs. Duff, Weir and MacMillan for their remarks. A hearty vote of thanks was also accorded to Mr. Buick for presiding.

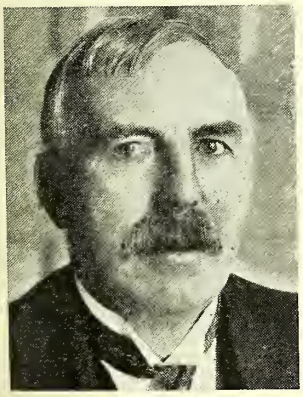
BRITISH MUSEUM ADDITIONS.—Among the donations to the British Museum (Natural History) announced in the annual report of the progress of the museums for 1936 (H.M. Stationery Office, 4d.) are included:—From the Dean of the Medical College, St. Bartholomew's Hospital, the botanical herbarium and museum specimens belonging to the College, including twelve volumes of flowering plants collected between 1820 and 1835; from the Hon. Mrs. de Beaumont, the botanical press formerly belonging to Antoine de Jussie (1748-1836); and from Mrs. M. Bloor, the cryptogamic herbarium of the late William Bellerby, her father, comprising 4,028 specimens, chiefly mosses and liverworts.



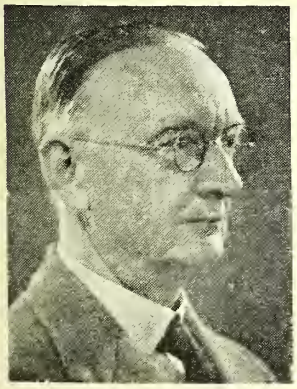
21ST ANNUAL DINNER OF THE ASSOCIATION OF BRITISH CHEMICAL MANUFACTURERS at Grosvenor House, London, W.1., on October 14, 1937. Mr. Eben Wallace presided and the principal guest was the Home Secretary, The Rt. Hon. Sir Samuel Hoare, Bt., M.P.

Photo] [*Rawood, Ltd.*

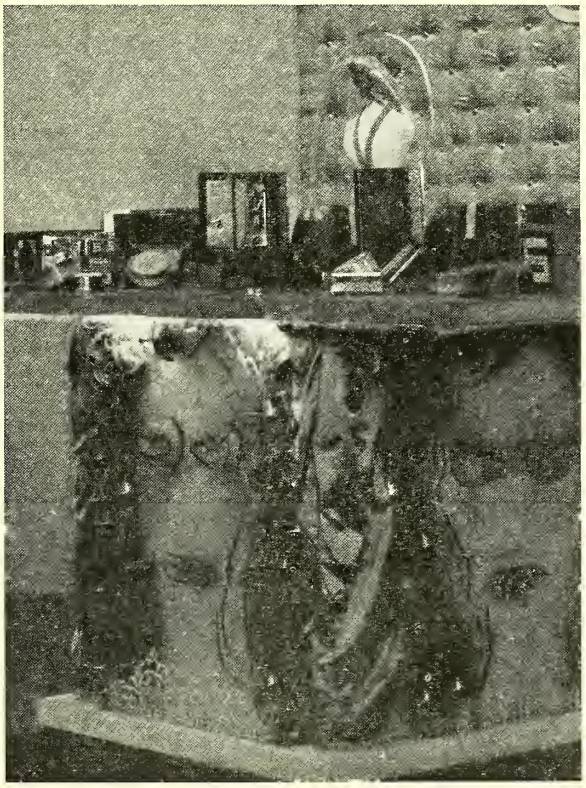
News in Pictures



LORD RUTHERFORD. — The death of the famous Cambridge physicist is recorded on p. 484.

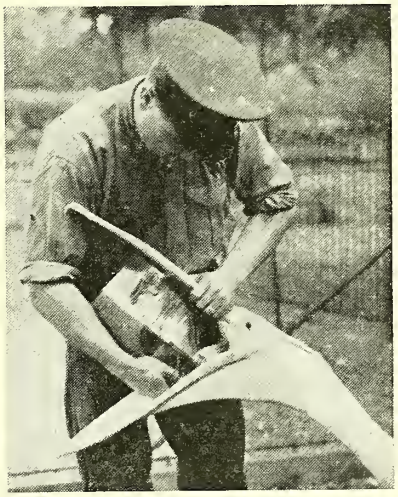


ASSOCIATION PRESIDENT. — Mr. E. C. Cripps, whose election as *President* of the Reading branch of the Pharmaceutical Society is announced on p. 484 of this issue.

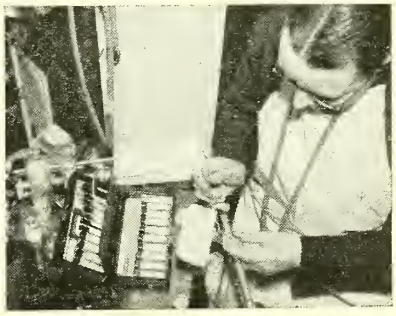


PARIS PERFUME DISPLAY.—Stand of Schiaparelli's Shocking products at the fifth *Exposition des Arts de la Coiffure et de la Parfumerie.* The eyes in the figure are powder boxes, the mouth lipsticks, the hair bottles of perfume under transparent tissue ; the background is in Shocking (cerise) colour.

(*Right*) SURGEON'S PORTABLE TEST CASE (blood and urine) being demonstrated at the London Medical Exhibition (see p. 491).



VETERINARY VITAMINS. — Dosing a pelican with cod liver oil at the London Zoological Gardens. Note that the contents of a gallon tin are given as a single dose. Similar treatment is administered to many other Zoo inmates.



Pharmaceutical Society of Ireland

Annual Meeting

THE sixty-second annual meeting of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on October 11, Mr. J. A. O'Rourke (president) in the chair. The attendance of members was the largest and most representative for several years, while Northern visitors present included Mr. Fred Storey (a past-president of the Pharmaceutical Society of Northern Ireland) and Mr. M. J. Mullan, Ph.C. (Armagh).

RESULT OF COUNCIL ELECTION

At the outset of the proceedings THE PRESIDENT read a scrutineers' report on the result of the election to seven vacancies on the Council. (The result was printed in THE CHEMIST AND DRUGGIST, October 16, p. 443.) "The report," the president went on, "is signed by Mr. Hickey (the vice-president), Mr. Warwick and Mr. McKeever. It is my duty to declare Mr. Cahill, myself, Mr. Gleeson, Mr. Parkes, Mr. Dwyer, Mr. Cremen and Mr. McKnight elected to serve on the Council of the Society for the next three years."

MR. J. A. O'ROURKE (PRESIDENT)

PRESIDENT'S ADDRESS

THE PRESIDENT said he wished to extend a welcome to Mr. Fred Storey, who had come there from Belfast. Mr. Storey was at one time a member of the Council in Dublin, and later president of the Pharmaceutical Society of Northern Ireland. They were all very pleased to have him with them, since there was no border as regarded personal friendships and interest in their profession. He would like to say that he did not intend to give a formal address. It seemed to him that an annual meeting of members of a Society such as theirs should take a general view of all the problems that affected them. It should be a kind of general stocktaking. He would begin by reviewing certain changes that had taken place in the domestic sphere during the year. The first were the result of the Dangerous Drugs Act of 1934. The Minister for Justice had issued the Regulations under that Act, with the exception of those dealing with exempted preparations, which he presumed would complete them. When the full regulations were out the official Journal would publish them. With regard to the Regulations as they stood, there was very little change. Doctors' prescriptions could be signed in future with the doctor's ordinary signature. There was nothing about qualifications. From now on all strengths of diacetylmorphine came under the restrictions of the Act.

In the work of the Society itself there were some changes in the Regulations for the Preliminary examination, and in the course of lectures for students preparing for their Final examination. The first change created controversy and a good deal of discussion. Botany and chemistry were deleted, but so far as he could see it had not made any great difference to the numbers coming forward. At the time the change seemed terribly important. The more important changes had to do with the lectures in chemistry, botany and materia medica. For a long time past it was felt that the lectures, particularly with regard to chemistry, needed overhauling. The professors in the schools were pressing for it. The same could be said about botany and materia medica, and it was largely due to the great patience and persistence of Mr. Brooke Kelly that the reforms were introduced. Mr. Brooke Kelly, who was one of the hardest-working members of the Council, conferred with the examiners and the lecturers on the matter, while the registrar gave valuable assistance in preparing figures.

"I am convinced," THE PRESIDENT continued, "that it is high time we had a frank chat. There is no use following along what was initiated in 1875 or '76. This is the annual meeting of the Society, and is not bound or restricted by the procedure governing a Council meeting. After the statutory business laid down by the Act is disposed of we should have a general discussion on the affairs of the Society and the profession. Members have the right to send in notices of motion for discussion at the annual meeting; but at this, as at former meetings, members have not exercised the right to raise any question that interests them. Everybody recognises that the Pharmacy Acts and the powers given to the Council are altogether inadequate to safeguard the natural rights of a profession giving necessary service to the community. From time to time I hear a good deal of criticism about the position of pharmacy here. Some of it is helpful and constructive; some neither. When some people tell me pharmacy is going to the dogs I always feel inclined to say, 'What are you doing about it yourself?' It is the business not only of the Council but also of the individual members making up the Society as a whole to interest themselves in these matters. If we want to get things done we should decide on what we want done, when and how."

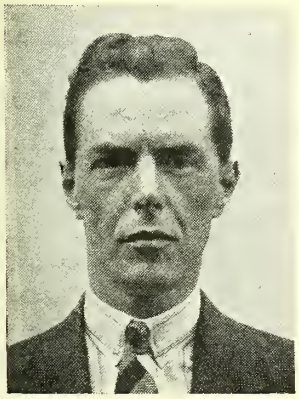
"What I have in mind," continued THE PRESIDENT, "and what I want to propose for your consideration is that we should develop on the lines of a true vocational group or guild. In a sense we are vocational, but lopsided, since we cannot protect our legitimate rights and interests as they should be. I am quite satisfied nothing in the constitution of the Pharmaceutical Society of Ireland stands in our way. Even if there were obstacles I would appeal to a higher authority—the new Constitution of the State, which will have the force of law before the year expires. We can take our stand on that irrespective of what anybody inside or outside the Society, or even the Government, might think, because all will be bound by that fundamental law. The Pharmaceutical Society is a statutory body. It has duties which it must carry out in accordance with the Acts, but those Acts were framed in 1875 and 1890, not in 1937. Those laws were framed when there was no realisation of the relation between duties and rights. Our duties are altogether out of proportion to the rights we enjoy. I am not suggesting anything revolutionary. Build on the foundation you have. Then when we have our organisation founded we can look for recognition. What I propose would be a natural growth—not a forced growth imposed from the top, but a logical extension of function. Such a development would be perfectly natural and in harmony with the social ideas of our people and the code of fundamentals, the new Constitution of Eire."

THE PRESIDENT quoted from Article 45 of the Free State Constitution, and went on to refer to changes which had taken place this year in pharmacy in Australia and New Zealand. If they in the Free State did not organise they could not succeed. A matter of particular interest to country chemists, and one on which they heard a good deal of talk, was the 1908 Act. The duty lay upon county councils, in administering that Act, not to issue licences in areas where the needs of the public with regard to the sale of poisonous substances were already provided for, but the county councils did not recognise their moral obligations in this matter. To deal with this problem the pharmacists in certain areas should get together and appoint a solicitor to go before the county council and oppose renewal of licences. Where a county council or commissioner granted a licence in a place where there were two, three or four chemists, they were acting contrary to the intentions of the Act, and the matter could be taken up with the Government. The present system facilitated crime in the country. There had been several cases of poisoning which had never been cleared up. Another flaw in the Act was the fact that it placed in the hands of the local authority power to appoint a person to inspect premises where these poisons were stored. Elsewhere they saw what apathy and indifference had done, and it was time they became alive to their own interests.

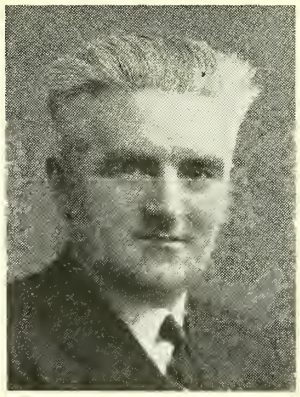
Paying tribute to the officers of the Society, THE PRESIDENT said Mr. Hickey, their vice-president, was always helpful. In his quiet, calm, detached way he smoothed out many little difficulties. To their honorary treasurer, Mr. Fitzpatrick, he handed the palm for the diligent way he looked after the affairs of his department. Mr. Kerr, their registrar, was an administrative official who had a duty to carry out. The Acts laid down what he had to do under very severe penalties. Over and above all he had his duty as a man, and the only way he could help to preserve such restricted rights as chemists had was to insist upon the code being carried out. The Council did not want prosecutions. Mr. Kerr did not want them ; but if he received a complaint it was his duty to investigate, and if the evidence was that the law had been broken they had no option but to recommend a prosecution. He was not influenced by what they thought, but carried out his duty as he saw it. Lastly he (Mr. O'Rourke) wished to thank Miss Hyland, who assisted Mr. Kerr in the office and who did remarkably well. (Applause.)

Thanks to President

MR. P. C. CAHILL said he wished to propose a vote of thanks to their president for his able *résumé* of their work during the year. In many respects his address was unique. He told them things they had never heard before. No man had the interests of pharmacy more at heart than their president. In his address Mr. O'Rourke suggested the reorganisation of pharmacy on vocational lines. That proposal was not made in any light way ; and whether they agreed with it or not they should all demand more recognition for their calling. People went to great trouble getting qualified but received scant recognition afterwards. If that were so they themselves were largely responsible, because they did not emphasise the importance of the part they played in the general health scheme in the country. Nobody appreciated the responsibility imposed on pharmacists, and they could not expect people to realise it if they did not tell them about it. One thing they might do was to get their Council to bring these things to the notice of the Government during the coming year. For some time past he had been hearing complaints about pharmacy and the Council. Some said the Council were far too active ; others said the Council were doing nothing. Personally he was not satisfied with the condition of the profession. A great deal remained to be done, but unless members showed what they wanted the Council could do nothing. Two great opportunities were afforded to the members to indicate their views: one was the annual election, and the other the annual meeting. For the past four years there had been no election. That might be accepted as an indication that the members were satisfied with what the Council were doing, but he did not believe that for a moment. The other explanation might be that members



MR. P. C. CAHILL



MR. CREMEN

did not take sufficient interest, and were affected by the general apathy the president spoke about.

MR. J. K. WHELEHAN, seconding the vote of thanks, said the president had referred to the 1908 Act. It was rather hard to expect a group of country chemists to get a solicitor to appear before the county council. When they considered the mentality of some county councils he felt a solicitor from headquarters would be better. With regard to pharmacy generally he had an optimistic attitude. The standard of education for the entrance examination had improved, and that, with better organisation, would help.

Treasurer's Report

MR. F. J. FITZPATRICK (treasurer) said that after listening to annual addresses of presidents for thirty years he could say that the address from their president that night was unique. His only regret was that the president did not make that address last year, as it would have afforded them more time to offer criticism worthy of it. Anyhow, the president had given them much food for thought. The president was not quite accurate in his references to what the Council did in the past with regard to the 1908 Act. Mr. Whelehan had raised a point which he (Mr. Fitzpatrick) had raised in 1926, when discussing the new Act of Parliament with their solicitor. They considered the best means of opposing the Act and of ensuring that if there was a chemist in the parish there should be no licence issued to oil and colour shops. They agreed then that any move to oppose the provisions of the Act should be taken by the Council's solicitor, so that neither the local chemist nor a local solicitor would be involved in any friction with the local council.

MR. DWYER

"It has been my privilege," continued Mr. Fitzpatrick, "for some years past to have presented to you most satisfactory financial reports. It is with regret, therefore, that I have to report an adverse balance to this annual meeting. The income and expenditure account shows a deficit of £240 compared with a surplus of £186 last year ; but fortunately the reason for the deficit is a non-recurring expenditure of £300. Following the rebuilding of these premises it was necessary to repaint the interior, and renew the floor and stairs covering throughout. I hope this work will last for many years. There was also a loss of £26 on the sale of National Loan, which had to be realised to pay for improvements to your premises. School receipts show a decrease of £138 on 1936. We have now overhauled and reformed the classes, and brought into force new Regulations which we hope will avoid further loss and, more important still, ensure better education for students studying for the pharmaceutical licence. Economy has been our motto throughout the year, as you can see from the accounts. . . . I would like to remind you that every country member entails expense, the expenses of some travelling to meetings being considerable. The city men spend hours here attending committee and subcommittee meetings, and if you can get the work so economically carried out by men on the spot willing to sacrifice the time it is all to your advantage. But it is well we should have provincial members on the Council. If you look at travelling expenses this year, which come to £54, you will see that is a decrease of £31. Law costs also show a decrease. From this it must not be inferred that the Society neglected to protect chemists by prosecutions under the 1908 Act. We certainly have not left that Act a closed letter. The police have brought many prosecutions, and made many visits to people exposing poisons not in accordance with the Act. Mr. O'Rourke thinks the Act antiquated. I think if it were properly carried out it would give a certain amount of protection ; but this Society has neither the funds nor the means to carry out the inspections necessary. If we had I think we could bring the offenders to book. As it is, the police are prosecuting. In this matter I feel it would be far better if we kept discipline in our own ranks." (Applause.)

On the motion of MR. D. WARWICK, seconded by MR. G. O'NEILL, the treasurer's report and statement of accounts were unanimously adopted.

Thanks to Treasurer

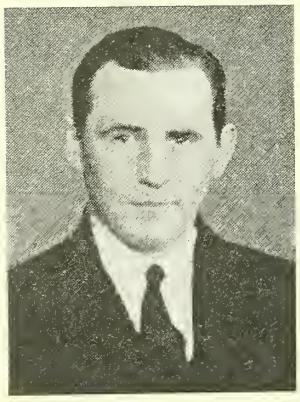
MR. HICKEY said he had great pleasure in moving a vote of thanks to the honorary treasurer for the great work he had

done for the Society. And they all deeply appreciated his work as treasurer for some years past.

Mr. Fred Storey (Belfast), seconding, said Mr. Fitzpatrick was a member of the Council with himself. He had kept unabated interest in the affairs of pharmacy all those years, and was deserving of every credit from the members of the Pharmaceutical Society of Ireland and its associates. He hoped he would be long spared to remain a member of the Council and assist the Society in the future as in the past.

Thanks to Registrar

Mr. Cyril Staunton moved a vote of thanks to the Registrar, Mr. James J. Kerr.



Mr. Gleeson

Sir Thomas Robinson said, as the "oldest inhabitant," he should second that motion. He knew Mr. Kerr before he came to the Society as registrar. He had some experience of the work Mr. Kerr did, and a more efficient registrar it would be impossible to get. The energy and intelligence he brought to the work of the Council was remarkable and worthy of their very best thanks.

The Registrar, replying, said he did not deserve all the kind things they had said about him. He took pleasure in his work for the Society. For years he received nothing but courtesy and consideration from the Council, and it was a pleasure to be their servant.

Discussion

Mr. Fitzpatrick: May I suggest that Mr. Fred Storey, who was at one time president of the Society of Northern Ireland, and a leading light there, gives us his views as an outsider on some of the points you put forward to-night.

The President: We would be glad of his views.

Mr. Storey said it was twelve years since he had attended an annual meeting in Dublin. He always looked forward to meeting his old colleagues and members of the Society in the Free State, because he always received nothing but the greatest courtesy and kindness in that room. Many times he deserved otherwise, because he had ideas to which his colleagues on the Council in those days objected. They argued—often hotly—over that table, but left the room good friends. There was no border between the friendships formed between pharmaceutical colleagues in the North and South. He always felt it a pity that more members did not take a greater interest in the annual meetings in Dublin and in the North. He was glad to see there was a far better attendance there that night than in the old days. As Mr. Cahill reminded them, this meeting and the annual election were the only two opportunities afforded for the members to express their views. Looking over the results of the election he noticed that only some 300 out of 600 took the trouble to vote. Apathy of that kind was to be regretted. He always felt that pharmacy was one, whether there, in the North or in Great Britain, and that there should be close co-operation between the various Societies.

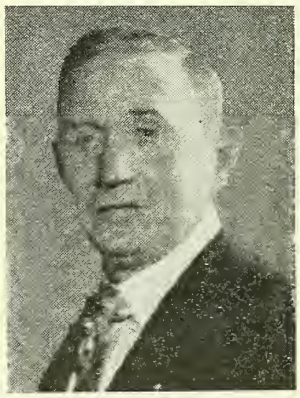
He had hoped they would have seen a new Pharmacy Bill in the Free State before this. Perhaps it was just as well it did not come sooner, as he saw now they were likely to have a pharmaceutical representative in the Senate, and they had now two pharmacy members in the Dail. These representatives would be very useful in the event of a Bill going through. The fact that they were to have a pharmacist in the Senate showed that the Government recognised them as a learned body of members rendering great public service by the part they took in the health institutions of the country. They in the North had got their Pharmacy Bill, and in securing it they had to fight against many of the things pharmacists in the Free State were fighting, such as the provisions of the 1908 Act to which they objected. They in the North got certain things included in their Act for which the pharmacists in England were fighting. When they in the Free State came to work out their own Act they would have the advantage of the experience of the Northern and English Acts. In the North they were very proud of their Act, but some of its provisions had not worked out as well as they expected.

In the North they had secured the creation of a Schedule of potent drugs which were not poisons but habit-forming drugs that must be used with care. The Council had substances added to that Schedule from time to time in the same way as to the Poisons Schedule. When the Council passed a resolution it went to Queen's University, and the drug went on the Schedule. Unfortunately, since then the English Society introduced a Poisons Act, and their authorities in the North said they would do nothing further until the English Act was in force. He had been speaking to a number of English chemists, and they were far from satisfied with their Act. The president's speech was a drastic change from what they heard in the past. It certainly provided food for thought, and should be carefully examined. He thought the president was on the right track, and if they got the support of the chemists in the city and the country, and brought forward their proposals unanimously they should get a good Bill. (Applause.)

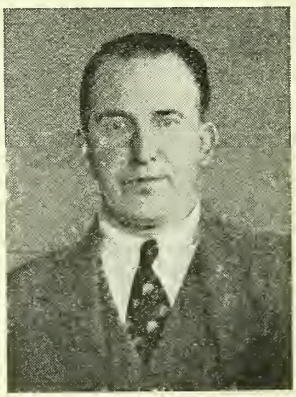
Mr. Fitzpatrick said Mr. Storey had told them they settled the druggist question in the North, but Mr. Storey did not tell them that it was settled something on the principle of Daniel in the lions' den—the chemist got the worst of it. When Mr. Storey was on the Council he had the advantage of Mr. Meeke's advice. Yet with all their astuteness in the North they could not avoid the pitfalls they wished to avoid. The moral was plain. Permanent officials would always meet them with counter-proposals. When they sought to have chemists exempted from jury service they were met with a copy of the Northern Ireland Register, but they got exemption all the same. He believed that with the type of young men they had on their present Council they would get a good Act if they all pulled together.

Mr. M. J. Kieran: A lot of people seem to think that when they get their licence examination they are finished with the Society. In Northern Ireland the chemist has to pay £3 3s. a year to keep open shop. It is hardly fair here that when young men get their Licence they go down the country and forget about the Society. We have to protect their interests, and the only way we can do that well is by their becoming members.

Mr. Sargent said he was sorry to see that botany and chemistry were cut out of their Preliminary examination. Their omission made a tremendous difference. The tendency seemed to him to be to make the Preliminary easy to encourage a lot of people to come into pharmacy, and at the same time to make the Final examination stiffer. If they encouraged a man to enter pharmacy, he should have a good chance of qualifying unless he were a real dud. If a boy



Mr. McKnight



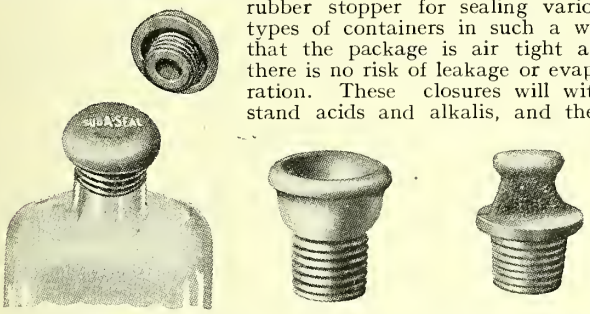
Mr. Parkes

entered pharmacy without any knowledge of botany or chemistry, how could he read his B.P. intelligently?

The President said he was not in favour of the change, but it was carried by a majority at the Council, and they must abide by majority rule. This was an entirely new viewpoint on the matter, and showed the value of discussion at the annual meeting.

Trade Notes

SUBA-SEALS.—William Freeman & Co., Ltd., Britannia House, Wellington Street, Leeds, 1, are the suppliers of a rubber stopper for sealing various types of containers in such a way that the package is air tight and there is no risk of leakage or evaporation. These closures will withstand acids and alkalis, and there



are special grades for use where oils and solvents are involved as well as a taintless grade for essences. A Suba-Seal consists essentially of a rubber stopper, the serrations on which form annular grooves on the plug part so that in use they are depressed against the inside of the bottle neck. The turning over of the flange provides a double sealing, since the natural contraction of the rubber firmly grips the outside of the neck of the container.

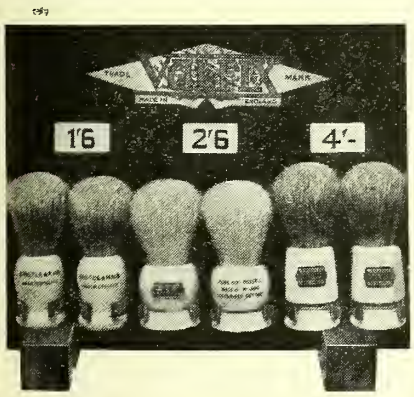
JACKSON'S FEBRIFUGE.—A bonus scheme is in operation for this well-known Lancashire and Midlands febrifuge. Three sizes are available. Further details may be obtained from Geo. Jackson & Son, Ltd., Harpurhey, Manchester.

PHOTOGRAPHIC DIARY.—Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C.1, announce publication of the Wellcome Photographic Exposure Calculator, Handbook and Diary, 1938. Quantities of not less than six are supplied in a display outer.

DOAN'S BACKACHE KIDNEY PILLS.—A new style of packing has been adopted for the two smaller sizes of Doan's pills, which are now packed in cartons. Prices and terms for the three sizes are quoted elsewhere in this issue. Chemists will receive on request counter wrappers, booklets and showcards from Foster-McClellen Co., 37-41 Mortimer Street, London, W.1.

TORCH TIME.—Pifco, Ltd., Watling Street, Manchester, direct attention to their series of torches for use during the winter season. In addition, they issue a display cabinet of flashlight bulbs which carries three dozen each of nine different types of Pifco bulbs uniform in shape, etc. These bulbs are suitable for torches and pocket lamps of any make. Full particulars are given elsewhere in this issue.

ATTRACTIVE SHAVING BRUSHES.—Illustrated on this page is a display stand of black polished galalith carrying specimen shaving brushes made by The Vulfix Shaving Brush Co., Ltd., Progress Works, Stockport. This stand is offered free with two dozen brushes, the parcel comprising eight in each pair of those displayed on the stand. Each brush is attractively cartoned and boxed. Supplies are obtainable only through the usual wholesale houses.



A GLASS THROAT BRUSH, hermetically sealed at the base and at the bristle end, has been introduced by M. J. Fecher, Ltd., 10 Dod Street, London, E.14, under the trade name of Glasepto. A showcard is supplied with every dozen brushes, which are made in camel and squirrel hair. Special terms are offered to wholesalers.

NEW PACK FOR DANDERINE.—Proprietary Agencies, Ltd., 179/181 Acton Vale, London, W.3, direct our attention to the redesigned package for Danderine which is now issued with a sprinkler-type top, and in addition the carton has been modified and rendered more attractive in keeping with modern ideas in packaging.

BEAUTY BUDGET CASES.—Jane Seymour, Ltd., 21-22 Grosvenor Street, Bond Street, London, W.1, have a scheme, which will interest chemists, particularly in remote country districts, for promotion of the sales of beauty products. Part of the plan includes the introduction of a beauty case which contains everything needed for scientific home-care and make-up. Chemists are invited to write for further details in regard to the announcement made elsewhere in this issue.

DUDLEY & CO., LTD., 451 Holloway Road, London, N.7, have issued a list printed in colours of Christmas posters, showcards and price tickets. A copy of this list, No. C.D.1765, will be sent on request.

BONUS SCHEME CLOSING DATE.—The bonus offer on Drene closes on October 30. A special display of fourteen days' duration entitles the chemist to one bottle free with each eleven bottles purchased and one case free with each ten cases purchased. Drene is made by Thos. Hedley & Co., Ltd., Phœnix Buildings, Collingwood Street, Newcastle-on-Tyne, 1.

ADVERTISING SERVICE.—Holman Advertising, 11 Bedford Square, London, W.C.1, have published a booklet dealing with Holman advertising from the advertising practitioner's point of view. The copy, which is written in a vigorous style, tells an interesting story of success in advertising. Details of the Holman advertising service appear in this issue.

HARRISON'S SAFETY-FIRST RAT BAITS.—G. W. Harrison, Ltd., Reading, announce the introduction of their new rat poison, which they describe as safety-first rat baits, each bait being separately wrapped. It is made with physiologically tested squill, and is issued in packages of three sizes. A bonus of thirteen to the dozen is given on orders received before November 30. Supplies may be obtained direct or through the usual wholesalers.

SIMPSON'S IODINE THROAT LOZENGES.—J. W. Simpson, Ltd., Aldwych House, London, W.C.2, launch a big advertising campaign in November to promote the sales of Simpson brand iodine throat lozenges. These lozenges are packed in neat tins specially designed for the handbag or vest pocket. As will be seen from the illustration, they are packed in useful display boxes of one dozen tins. Supplies are obtainable from the usual wholesalers.

CHRISTMAS DECORATIONS. We have received from J. C. King, Ltd., 42-60 Goswell Road, London, E.C.1, a specimen copy of their new Christmas list. This list, which is profusely illustrated in colour, contains practically every conceivable type of display novelty for Christmas decorations. The selection provided is more comprehensive than ever, and copies of the list may be obtained by filling in the coupon which appears in our advertisement pages.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1937, p. 338.

(From "The Trade Marks Journal," September 15, 1937)

"AMIPHRADONE"; for all goods (3). By Pickups, Ltd., 30 Smedley Street, London, S.W.8. 578,058.

"DIFEMYL"; for medicinal chemicals (3). By United Proprietaries, Ltd., 6 New Street, Guernsey. 579,049.

"TENSOCREPE"; for crepe surgical dressings (11). By T. J. Smith & Nephew, Ltd., 5 Neptune Street, Hull. 578,761. (Associated.)

"MAL-YAN"; for massage toilet cream (48). By S. Brentnall, 327 Dickson Road, North Shore, Blackpool. 578,183.

"MAXENCE"; for perfumery, etc. (48). By M. M.-J. de Cagny, 31 Rue de Naples, Paris. 578,200.

"BOURNEWORTH"; for perfumery, etc. (48). By Bourne & Hollingsworth, Ltd., 11 Wells Street, London, W.1. 578,536. (Associated.)

APPLICATION AMENDMENT

The specification for "TOPAGENE" in Class 3, No. 576,104, by Sharp & Dohme, Ltd., has been amended to "but not including anæsthetics for human use."

(From "The Trade Marks Journal," September 22, 1937.)

"CIBAGENE"; for all goods (1). By Society of Chemical Industry in Basle, 141 Klybeckstrasse, Basle, Switzerland. 579,058. (Associated.)

"KROMALPUR"; for all goods (1). By W. V. Gilbert, 128 Oval Road, East Croydon, Surrey. 579,190.

"BITOTES"; for photographic chemicals, etc. (1). By Bitulac, Ltd., Collingwood Street, Newcastle-on-Tyne. 579,435.

Diagram of musical note; for veterinary chemicals, etc. (2). By "Cimex," Ltd., 68 Victoria Street, London, S.W.1. 578,055.

"POITOSTAB"; "LIVOSTAB"; for veterinary chemicals, etc. (2). By Boots, Ltd., Station Road, Nottingham. 578,187/215. (Associated.)

Silhouette of woman and microphone and initials "G. V." (exclusive use of words and letters disclaimed); for medicated voice pastilles (3). By Independent Pharmacists' Supplies, Ltd., 356 Gray's Inn Road, London, W.C.1. 579,900.

Witch on broomstick and word "BRANU"; for ointment and medicated soap (3). By S. Harris, 157 Lozells Road, Handsworth, Birmingham, 19. 571,179.

"NAVITOL"; for vitaminic preparations (3). By E. R. Squibb & Sons, 80 Beekman Street, New York, U.S.A. 576,219.

"TAKT"; for medicinal chemicals, excluding liniment for rheumatism, etc. (3). By E. Cameron, 3 Laery Street, Lower Hutt, Wellington, New Zealand. 576,611. (Associated.)

"CRO-PAX"; for preparations for the feet (3); for perfumery (48). By Splendor, Ltd., 5 Beastmarket Hill, Nottingham. 576,487/577,279.

"M.O."; for emulsion of magnesia in petroleum (3). By Musterole Fine Products Co., Ltd., 4 Old Swan Lane, London, E.C.4. 577,838. (Associated.)

"BEOGEL"; for medicaments for constitpation (3). By Pharmax, Ltd., 6 St. Bride Street, London, E.C.4. 578,467.

"FLAV-EMUL"; "LAXAGRAN"; "PAXIPED"; "GLUCO-VITE"; for medicinal chemicals, for laxatives, for medicated preparations for the feet, for medicaments containing glucose (3). By The Dubarry Perfumery Co., Ltd., Hove, Sussex. 578,138/570/571, 579,228.

"DENKLEM"; for medicated mouthwash (3). By R. E. Eberhardie, 2 Queensborough Terrace, London, W.2. 578,879.

"LAXOBAC"; for medicated laxatives (3). By E. Griffiths Hughes, Ltd., Peru Street, Salford. 579,069.

"ST. ANDREW"; for medicated paper handkerchiefs and toilet paper (3). By St. Andrews Mills, Ltd., 34 St. Andrew Road, Walthamstow, London, E.17. 579,169. (Associated.)

"ANGELYN"; for surgical apparatus, etc. (11). By Stecklyns (Fittings), Ltd., 195 Wardour Street, London, W.1. 579,387.

"VELVAJEL"; for perfumery, etc. (48). By Parkinsons, Ltd., Curzon Street, Burnley. 577,617. (Associated.)

Diagram and word "CHAMELEON"; for hair dyes (48). By A. J. Lhenri, 21 Southwood Hall, Muswell Hill Road, London, N.6. 577,848.

"MISTER"; for all goods, except soap (48). By E. Arden, 5 Cork Street, London, W.1. 578,340.

"LUCIDENT"; for toilet preparations for the teeth (48). By S. Shragah, 244 Edgware Road, London, W.2. 578,791.

Personalities

MR. D. TREVOR WILLIAMS, M.P.S., has been appointed to a position on the supervisory staff of Ascotts Pharmacies (1933), Ltd., Wembley.

MR. JOHN CAMERON, Ph.C., Union Medical College, Peiping, China, expects to return home in June or July 1938. Mr. Cameron's home address is: 20 Kingslynn Drive, Kingspark, Glasgow.

MR. FRED LAW, who recently retired from the secretaryship of the North-East Lancashire Branch of the Pharmaceutical Society after twenty-seven years' service, was entertained at a function at Blackburn on October 13, and was presented with a cheque in appreciation of his services on behalf of the members.

MAJOR R. W. WREN, a director of Potter & Clarke, Ltd., manufacturing chemists, London, E.1, has been promoted Lieutenant-Colonel ("The London Gazette," October 13). He has recently taken command of the 6th Bn. The Essex Regiment (T.A.) stationed at West Ham. Colonel Wren served during the war first in the Queen's Westminster Rifles and later as an officer in the Prince of Wales' Volunteers (South Lancashire Regiment).

PROFESSOR J. H. GADDUM, Professor of Pharmacology at University College, London, has been appointed director of the Pharmacological Laboratories of the College of the Pharmaceutical Society in succession to Dr. J. H. Burn, who is now Professor of Pharmacology at Oxford University. Professor Gaddum was for some time in the Wellcome Physiological Research Laboratories and at the National Institute for Medical Research. For two years he was Professor of Pharmacology at Cairo University.

MR. E. C. CRIPPS, M.P.S., who has been elected chairman of the Reading and District Branch of the Pharmaceutical Society, was apprenticed to Thompson & Walton, chemists, Maidenhead, and after qualifying spent some time as assistant in the historic pharmacy of Deane & Co., Clapham, London, S.W.4. Later he opened a business at Berkhamsted. In 1917 Mr. Cripps joined the staff of John Bell, Hills & Lucas, Ltd., manufacturing chemists, London, S.E.1, and took charge of the records and wages of some 5,000 workers who were turning out large quantities of gas helmets and respirators. He joined Allen & Hanburys, Ltd., in 1921 as sales manager, a position he still holds. He represents the company on the Joint C.F. Committee of Manufacturers and Retailers, and has also been actively engaged in the same capacity for many years on various committees of the Wholesale Drug Trade Association. Mr. Cripps was elected a Fellow of the Sales Managers' Association in 1936. He is the secretary of the Slough, Windsor and Maidenhead Branch of the National Pharmaceutical Union. One of his interests is historical pharmacy, particularly that of the late eighteenth and early nineteenth centuries. He has lectured on William Allen, the first President of the Pharmaceutical Society, to many branches of the Pharmaceutical Society. (*See* also p. 479.)

Business Changes

MR. J. N. SAMPSON, chemist and druggist, has acquired the business of Mr. T. P. Padwick, chemist and druggist, 47 Station Road, Redhill, Surrey.

THE SCOTTISH CO-OPERATIVE WHOLESALE SOCIETY, LTD., has purchased the business of Cairnie & Bain, chemists, Cowdenbeath, Fifeshire.

MR. J. MUIR MARTIN, chemist and druggist, Market Place, Salisbury, announces that as from October 1 he discontinued using the trade title Atkins & Son, which he has used for twenty-two years. He will henceforth trade in his own name. No change of proprietorship is involved.

EVANS, GADD & CO., LTD., announce that their new offices, warehouses and laboratories at Exeter are now complete, and that their sole Exeter address is now 6-11 Smythen Street. Telegraphic address: Gadd, Exeter. Telephone: Exeter 2278-79. The Bristol address remains as before.

Births

Notices for insertion in this column must be properly authenticated.

BASTOW—At 9 North Street, Chichester, on October 14, Phyllis, the wife of Sidney William Bastow, Ph.C., of a daughter (Alison).

Marriages

ASHCROFT—CROFT.—At St. Augustine's Church, Bolton, on October 6, Harry Ashcroft, M.P.S., to Edith Croft.

HORNE—TATTERSALL.—At Musbury Church, Helmshore, Manchester, on October 16, J. N. Horne, M.B., B.Ch., to Hilda Irene Tattersall, M.P.S.

HUNTER—GILLIES.—At the Station Hotel, Larbert, on October 18, Mitchell Neilson Hunter, M.P.S., to Elizabeth McLaren Gillies.

JONES—HEADLEY.—At Llangelynin Parish Church, Conway, on October 7, Glyn Jones, M.P.S., 91 Liverpool Road, Crosby, Liverpool, 23, to Alice Headley.

LEITCH—SHAW.—At Gorebridge, on October 6, David Leitch, M.P.S., to Elizabeth H. Shaw.

MACLOUGHLIN—MCFEELY.—At St. Michael's Church, Dun Laoghaire, on October 14, Charles MacLoughlin, M.P.S.I., Moville, co. Donegal, to Catherine N. Maureen McFeely, M.P.S.I.

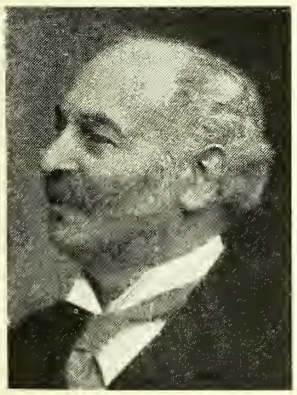
MCMURRAY—MCCREADIE.—At Battlefield East Church, Glasgow, on October 6, Peter McMurray, M.P.S., to Annie D. McCreadie.

Deaths

BEATH.—At Perth Royal Infirmary, on October 18, Mr. Andrew Gibb Beath, M.P.S., aged seventy-one. Mr. Beath was for over forty years a chemist in Kinross. He retired a year ago and went to live in London, but returned to Kinross this year. Mr. Beath is survived by a son and a daughter.

BEATTIE.—On October 18, Mr. W. J. Beattie, J.P., Arbour Field, Ballymoney, managing director of Baxter, Ltd., chemists, Ballymoney, co. Antrim. Mr. Beattie was associated with Messrs. Baxter for forty-seven years. He is survived by a widow, a son and a daughter.

BERTON.—At his home, 6 Oakwood Court, Kensington, London, W.14, on October 14, peacefully, Mr. Arthur Berton (Arthur Berton, Ltd., 256-260 Old Street, E.C.1), aged seventy-eight. Mr. Berton started his commercial career as an apprentice in the lace trade to Snow Brothers. On the retirement of his father from the cotton-wool and wadding business in 1888, Mr. Berton took control of this small though long-established business, and from a concern employing only about twenty-five hands he created, through his energy and foresight, a company having three factories and employing close on 900 hands. For some time Mr. Arthur Berton took a great interest in local government administration, first as a vestryman of the parish of St. Luke and later on as a councillor in Finsbury, where he was the proposer of the first Mayor. For a considerable number of years he was governor of the Dulwich Estate. He was a keen freemason until the stress of business made it impossible for him to devote the time he would have liked to give in this direction. Until two years ago Mr. Berton took a very active interest in the welfare of his company; then, unfortunately, his health no longer permitted him to come to the City, although up to the end his interest remained true to the activities and the welfare of the employees of Arthur Berton, Ltd. With his decease another link has been severed with those Victorian pioneers who laid a sound foundation for big businesses. Mr. Herbert Berton, who entered the business in 1906, is now managing director.



MR. ARTHUR BERTON

CHREE.—At his residence, 31 Forbesfield Road, Aberdeen, on October 15, Mr. Charles Chree, chemist and druggist, aged sixty-eight. Mr. Chree carried on business in Aberdeen for over forty years, retiring about five years ago. He is survived by a widow.

MASON.—At 43 Menock Road, King's Park, Glasgow, S.4, on October 15, Isabella Robinson, wife of Mr. Archibald D. Mason (Huxley's Pharmaceutical Products), aged sixty-three.

MORGAN.—The funeral service for the late Mr. A. W. Morgan, M.P.S., Bedford, whose death was announced in our issue of October 16 (p. 451), was held at Holy Trinity Church, and was attended by several local chemists and a representative number of the Harpur Trust governors. The pharmacies in the town were closed for half an hour. The final service at Golder's Green Crematorium was attended by family relatives, Mr. E. A. Atkins (National Pharmaceutical Union Executive), Mr. Angus McDonald and Mr. H. W. Harrie (C. R. Harker, Stagg & Morgan, Ltd.), and others. Mr. Harrie writes:—

> Pharmacy, and mankind in general, is the poorer by the death of Arthur W. Morgan. I met him first thirty-two years ago under that great apprentice master, the late H. M. Lloyd, of Merthyr Tydfil. I have followed his career and had his true and faithful friendship to the time of his death. Outspoken, but first and always for the good of the individual chemist, he will be sadly missed by a large circle of his medical friends and fellow chemists. Many a young chemist has cause to be thankful that he served an apprenticeship with him.

MULLIGAN.—At the Medical Hall, Passage West, Cork, on October 5, Mrs. Henrietta Clare Mulligan, M.P.S.I. (*née* Kelly). Mrs. Mulligan was well known in southern pharmaceutical circles.

O'REGAN.—Recently, at the home of her brother, Doctor D. O'Regan, St. John's, Newfoundland, Miss Mary J. O'Regan, M.P.S.I. Miss O'Regan was the only daughter of the late Mr. and Mrs. John O'Regan, and proprietress of the Medical Hall, Ballybrack, co. Dublin. She qualified in 1927.

RUTHERFORD.—We much regret to record the death of Lord Rutherford, O.M., F.R.S., which took place at Cambridge, on October 19, at the age of sixty-six. The brilliant researches carried out by Lord Rutherford in the Universities of Montreal, Manchester, and Cambridge have already passed into the history of physics. His work on radioactivity was followed by studies in the structure of the atom, and in each case the results have proved to be of the highest scientific importance. He has left a tradition of team work which will continue. (Picture on p. 479.)

WILLIAMS.—At his residence, 43 Casteton Avenue, Wembley, recently, Mr. J. P. Williams, senior London representative of Cupal, Ltd. Mr. Williams was a past-president of Wembley Welsh Society, and master-elect of Middlesex St. David's Lodge, No. 5460.

Coming Events

Tuesday, October 26

Leicester College of Technology (Department of Pharmacy), Room 45, at 8 p.m. Distribution of prizes.

Wednesday, October 27

Manchester University Pharmacy Students' Association, Manchester Limited Restaurant, 8 p.m. to 1 a.m. Reunion, reception and dinner-dance.

Pharmaceutical Society, Anglesey, N. Carnarvonshire, and Colwyn Bay Branch, Council Chamber, Town Hall, Llandudno, at 3 p.m. Meeting. Address by Mr. F. W. Adams.

Thursday, October 28

Manchester Pharmaceutical Association, Junior Branch, Deansgate Cinema Restaurant, at 8.30 p.m. Whist drive.

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Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

C/12	Alpha Lobelin	B/20	Louis Rolond perfumes
S/60	Elasto Velvex	B/20	Salylgreine
R/12	H.R.H. tooth brushes	A/20	Sylphoam bath powder.

THE

CHEMIST AND DRUGGIST

VOL. CXXVII October 23, 1937 NO. 3011

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A Council Dilemma

It is not surprising to find that Mr. Moreton Parry's resolution at the October Council meeting of the Pharmaceutical Society in regard to National Health Insurance dispensing terms has provided a topic for considerable discussion. In the circumstances, therefore, it was as well that the subject was adjourned for a month. After this lapse of time, chemists will expect to obtain some definite indication as to what steps the Council of the Society propose to take in the matter. It would be unfortunate if at this stage there should be any question as to whether or not the Pharmaceutical Society may come into conflict with the National Pharmaceutical Union on a matter which is of paramount importance to members of both organisations. It has caused surprise in some directions that the question of insurance dispensing terms should be raised at all by any councillor of the Society. It is seventeen years since it was legally decided that the Pharmaceutical Society could not interest itself in the trade side of pharmacy. It would be curious now to find that, after all, there is nothing in the Charter to prevent the Council acting on behalf of chemists in the forthcoming revision of the contract. We believe there are few chemists under contract with the Ministry of Health who would wish to have their claims put forward by the Council of the Society rather than by the National Pharmaceutical Union, whose business it is, apart from the danger of changing horses while crossing the stream. It is to the N.P.U. that the trade to-day must look for improved conditions in insurance dispensing. Obviously the correct procedure from official pharmacy is to add whatever weight it may have to strengthen the position of the N.P.U. in its negotiations. This may not suit officialdom, yet any attempt to interfere in the business side might still further weaken pharmacy which as a body was so drastically divided by the decision in the Jenkin case.

The question for decision is actually a simple one and should need no laborious discussion. The point at issue is that chemists should be placed on the same basis of full payment for work accomplished as applies to all other workers in the country. The discounting clause (10 per cent. on fees, which may or may not be returned) is one of the most grotesque arrangements which has ever been put forward and accepted in this country. Before chemists can hope to obtain better remuneration, they must insist on full payment for services on the present rate. Discounting must be abolished. It would be interesting to know how much money has been lost for ever to the retail drug trade in twenty-five years as a result of the discounting clause. One of our correspondents recently suggested that no less than £5,000,000 has been deducted during this period. It would be possible, no doubt, to obtain a reasonably accurate estimate of the actual amount deducted, and this, if made available, would enable pharmacy as a trade to consider whether or not it is prepared to continue to work for so mean a remuneration. What is the alternative? There is no question of striking for higher rates of wages. The trade must decide whether it will continue to bear part of the cost of a national health scheme which grows and will continue to grow as the years pass by. The trade has to decide whether the right to dispense insurance prescriptions cannot be purchased at too high a price. The bogy raised in the past has been that chain-store organisations would undertake dispensing for the nation. At the present time this is not feasible, unless the medical profession were to assist where no chain stores are open. Furthermore, the chain stores can no longer operate without the assistance of qualified men, and it is difficult to believe that qualified chemists as a body would act in such circumstances. These are hypothetical points which need not and should not deter Mr. Mallinson and his Executive from putting forward a case which has the advantage of being a just one. The presentation of a case independently by the Society would be unfortunate, to say the least. The result of Mr. Parry's proposal will be looked forward to next month with much interest.

Nine Months' Trade

It is evident from the Trade and Navigation Accounts for September and the nine months of this year that the recent setback in some of the leading commodity markets and on the Stock Exchange is not due to any decline in our trade. Rather, despite these far too frequent disturbances which invariably follow international political crises, the volume and value of our commerce continues to expand. Speculative markets are affected by conditions of the moment and by the possibility of adverse developments; genuine business has a set purpose and, it seems, its progress is not influenced to any extent except by definite causes. The value of our imports of all classes of merchandise during September were well over one million pounds more than in the preceding month and, compared with the corresponding period of 1936, the increase for the nine months of this year is about £134,000,000.

Exports and re-exports for September are up by about nine million pounds and by over £79,000,000 for the nine months compared with the corresponding periods of 1936. The adverse trade balance shows a further increase and now stands at £296,860,596. The figures for the "Chemicals, etc." group for the month are by far the best this year,

All Classes of Merchandise	Imports	Exports of U.K. Goods	Total Exports including Re-exports
	£	£	£
September, 1937 ...	87,809,166	44,263,078	49,468,846
,, 1936 ...	71,895,505	36,960,737	40,875,466
,, 1935 ...	60,822,113	34,098,265	37,909,103
Jan.–Sept., 1937 ...	741,887,728	385,651,984	445,027,132
,, 1936 ...	607,978,989	320,092,159	365,805,084
,, 1935 ...	539,438,782	311,795,782	352,349,874

despite the further slight increase in the value of imports, which so far this year average rather more than one million a month. For the first time for many years exports of British-produced chemicals, etc., passed the two million mark in one month and, with re-exports, totalled £2,077,600. The nine months' figures of our shipments outwards total £19,994,900, which gives us a credit trade balance of approximately £10,000,000. The chemical industry as a whole has never shown a stronger position.

Chemicals, Drugs, Dyes and Colours	September			January–September		
	1937	1936	1935	1937	1936	1935
	£'000	£'000	£'000	£'000	£'000	£'000
Imports ...	1,235	1,190	1,028	9,998	9,167	8,218
Exports of U.K. manufacture	2,046	1,736	1,677	18,650	15,427	15,518
Re-exports ...	31·6	44·8	32·8	344·9	311·5	289·1

Of the Empire sources Canada shipped us goods of this class to the value of £439,351, Union of South Africa, £231,093, and India, £178,375, during January–September. Imports from foreign countries included: Germany, £3,140,724; United States of America, £1,990,458; Switzerland, £584,148; France, £581,173; Holland, £345,473; and Norway, £339,274. The chief purchasers of our goods during the nine months were: India, £2,154,320; Australia, £1,538,136; Union of South Africa, £1,229,222; Canada, £885,935; Irish Free State, £84,849; and New Zealand, £661,425. The principal foreign buyers were: United States of America, £908,427; France, £651,719; Argentine Republic, £636,338; China, £473,086; Sweden, £458,544; and Holland, £447,224.

Future of Bergamot

DETAILS of the amended regulations of the bergamot Consortium are expected at the end of this month. The fact that a revision has been found to be desirable may be taken as an indication that the original regulations have, for some reason, not operated to the entire satisfaction of the various interests at the source. The large majority of the London dealers who have handled this product in past years would welcome a tightening up of the regulations in one respect. There are no figures available showing the quantity of oil shipped since the Consortium commenced operations; some reports from the source suggest that they have been a good deal less than was anticipated, and in consequence the carry-over at the end of this season will be rather heavy. It is further reported that the crop this season promises to be a good one. The shipment price has been pushed up to over 15s. per lb., c.i.f., and it is doubtful if the soap makers have taken much more than a negligible quantity at this figure, for they have at their disposal satisfactory and easily used substitutes at not more than half the present cost of bergamot. If sales to the soap makers have failed, then the carry-over may well be considerable, and the Consortium will have to consider whether the recent price level is too high to allow for shipments to approach within a reasonable margin of production. They will also have to bear in mind that one of the leading substitutes is now being offered from Japan at extremely low prices. On the other side of the picture some shippers report they are unable to get offers from the Consortium; this, of course, does not necessarily indicate that the control has no oil to offer. While we are not at the moment inclined to accept even as an outside possibility the breakdown of the Consortium, we believe the present position is not without its weaknesses and that some amendments to the regulations will be decided upon and it is to be hoped that they will be stringently enforced, with no exceptions or preference, and it may be found necessary to adjust the shipment quotation in order to attract more business from at least one of the chief consuming industries.

Putting It Mildly

A COMMENT in the Supplement to "The British Medical Journal" of October 16 deals with the proposed revision of the National Health Formulary issued by the Association primarily for the purposes of National Health Insurance dispensing. The following communication from the London Insurance Committee is reported:—

> "The committee has had under consideration the effect upon the National Formulary of the adoption in April 1935 of the 1934 British Pharmaceutical Codex for all Drug Tariff standards, as well as the coming into force of the Pharmacy and Poisons Act, 1933, alterations in the Dangerous Drugs Regulations, and the publication of the British Pharmacopœia Addendum, 1936. In this connexion the committee notes that the preface to the current edition of the National Formulary points out that the coming into operation of the British Pharmacopœia, 1932, necessitated the Formulary being brought into line therewith. Since 1933, however, various factors, some of which are indicated above, have tended to make some references in the National Formulary ambiguous. . . . The position will be aggravated after July 1, 1937, when the alterations in the Drug Tariff take effect. The committee is of opinion that the time has arrived when a revised edition of the National Formulary should be issued so that the existing ambiguities may be removed."

The mention of July 1 gives the paragraph a belated appearance, and the additional information that the National Pharmaceutical Union has offered to assist in the revision does not give the reader much hope that the work will be expedited: as chemists well know, it is one thing to assist and another thing to get one's work recognised. These continuing discrepancies between the National Formulary (N.H.I.) and other books of reference are a cause of serious annoyance to chemists, and especially to those whose private dispensing in sufficiently varied to necessitate abnormal vigilance in separating different types of formulas. If National Health Insurance dispensing cannot be adequately paid for, it might at least be simplified.

Pharmaceutical Society of Northern Ireland

Council Meeting

THE monthly meeting of the Council of Northern Ireland was held on October 15 at 73 University Street, Belfast. The retiring president (Mr. Samuel Gibson) was in the chair at the outset. There were present also Sir Thomas McMullan, Professor Small, Messrs. H. F. Moore, W. C. Tate, J. W. Gray, James McDowell, J. T. Nicholl, John McGregor, J. C. Glendinning, W. Martin, J. F. Grimes, J. E. Connor, S. H. Forrest (vice-president), I. W. Parker and C. Abernethy. Mr. D. L. Kirkpatrick (secretary) was in attendance.

Election of President

MR. J. C. GLENDINNING proposed the election of Mr. S. H. Forrest (vice-president) as president. He reminded the Council that Mr. Forrest had stood down two years ago in a very gracious way, and he congratulated Mr. Gibson on the efficient way he had discharged his duties.

MR. J. T. NICHOLL, in seconding, said that Mr. Forrest had done excellent work at the Council and would make an excellent president.

MR. W. MARTIN and MR. C. ABERNETHY supported the motion, which was passed unanimously. Mr. Forrest was invested with the chain of office and took the chair amid applause.

MR. FORREST said he was grateful for the honour conferred on him. He took the chair with trepidation after Mr. Gibson, who had adorned the chair during his term of office. He had never missed a meeting and had served them very well indeed. He (Mr. Forrest) knew he would have the support of the Council.

Election of Vice-President

THE PRESIDENT proposed Mr. Walter Tate as vice-president.

MR. GIBSON seconded the motion, and it was supported by MR. J. W. GRAY, who recalled that Mr. Tate's father had been a president of the Pharmaceutical Society of Ireland.

MR. H. F. MOORE also spoke in support of Mr. Tate.

The motion was passed unanimously and was acknowledged by MR. TATE, who congratulated the new president. As to himself, he felt diffident about taking the vice-presidency owing to his lack of experience. He had only been four years on the Council, but he would do his best. It was an honour to him to be chosen, and he was glad to know that the old name was not forgotten.

Election of Treasurer

On the motion of MR. W. MARTIN, seconded by MR. J. T. NICHOLL, Mr. H. F. Moore was elected treasurer.

MR. MOORE said the honour was unexpected, but he would do his best to keep the purse. If he did so as well as Mr. Martin he would be satisfied.

Committees Appointed

The following Committees were appointed:—

Education.—Professor Small, Messrs. S. S. Badger, J. McDowell, J. McGregor, W. Martin, J. T. Nicholl.

Law.—Dr. S. E. A. Acheson, Messrs. C. Abernethy, J. McGregor, J. E. Connor, J. McDowell, S. Gibson.

House.—Messrs. Abernethy, McGregor, Martin, Moore, Nicholl, Professor Small.

General Purposes.—Professor Mayrs, Messrs. Gray, Martin, Abernethy, Nicholl, McDowell.

Finance.—Sir Thomas McMullan, Messrs. Glendinning, Moore, Nicholl, Gibson, Parker.

The president and vice-president *ex-officio* on all Committees.

Registration Items

An order was passed authorising the alteration in the Register of the name of Francis Patrick MacDonald, 77 Queen Street, Dublin, to Francis Patrick MacDonnell.

THE SECRETARY said the mistake occurred originally in the Ministry of Home Affairs, which pointed out that under Section 11 (2) of the Pharmacy and Poisons Act, 1925, there was power to amend an incorrect entry.

It was agreed to admit the name of J. Temple Sitterington, Somerset Avenue, Blackpool, to the Register. It was explained that he was engaged in special work.

Request for Grant

Fermanagh County Education Authority wrote asking for a grant towards the expenditure incurred by the Enniskillen Technical School Committee in connexion with the conducting of classes for pharmaceutical apprentices in Enniskillen during the season 1936-37. The total was £38.

MR. MCGREGOR said the Education Ministry made grants in such cases.

THE SECRETARY said he thought they could pay for the materials and equipment. There was no obligation to pay anything.

On the motion of MR. FORREST, seconded by MR. MCGREGOR, the matter was sent to the Education Committee.

Use of Mineral Water Bottles

A letter was received from the Council of the Belfast Bottle Exchange, Ltd., directing the Council's attention to the "growing practice" among chemists and druggists of using mineral water bottles as containers for deleterious fluids, and asking that the matter should be brought before the Society with a view to having the danger of the practice ventilated and, if possible, minimised.

THE PRESIDENT: Is that against the law?

THE SECRETARY: It would depend on whether a poisonous substance was put into it. It is not a good practice.

MR. CONNOR said that in the country it was quite a common practice to see mineral water bottles brought in for disinfectants. It was altogether wrong.

It was directed that a copy of the letter be sent to the Ulster Chemists' Association.

Poisons Regulations

The following letter, dated October 14, was read from the secretary of the Ulster Chemists' Association:—

"The matter of the new Statutory Rules and Orders in regard to the Dangerous Drug Regulations was considered by my Executive Committee at the last meeting, and I have been directed to convey to you the opinion of the Committee that it would be most helpful to the chemists if your Society, as the statutory body responsible for the administration of the Pharmacy Act, would advise each chemist of all recent and future changes and additions, etc., affecting the Poison Schedules. My Committee would most respectfully urge the favourable consideration of this matter by your Council."

THE SECRETARY said there had been no change in Northern Ireland with the exception of adding two substances to Part I, slimming tablets and some other preparation. Regarding "dangerous" drugs, there were new regulations formulated which came into force on July 1. Up to the present the Ministry of Home Affairs had only adopted those that were gazetted under Statutory Rules and Orders (No. 327), those preparations they had exempted. The other parts of the Regulations which had passed in Great Britain had not yet been adopted in Northern Ireland. There was to be a meeting of the Cabinet, possibly this month; the matter was ready for them to consider, and it would be gazetted in due course. The whole thing was published in the *C. & D.*, and there was a pamphlet costing 2d. available in the Stationery Office.

MR. ABERNETHY said what was published, in the view of members, was not definite enough.

THE SECRETARY said the whole information had been published.

It was decided that the secretary write to the Ulster Chemists' Association pointing out that the required information had been published fully and giving the references.

Pharmaceutical Preliminary Examination

The results of the autumn Pharmaceutical Preliminary examination at Queen's University were announced as follows:—Chapman, Jacob; Henry, Herbert J. W.; McMullan, William A.; Niblock, Alexander O.; Thompson, William F.

The following have passed in three subjects:—Carson, Thomas A.; Logan, William.

MEMBERS AND ASSOCIATES ELECTED

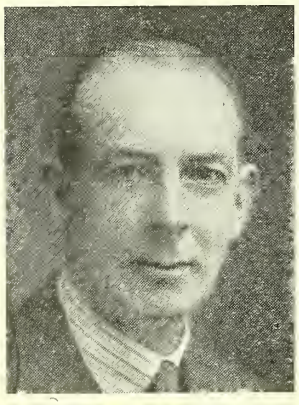
The following nominated candidates were elected members of the Society: William Morrow, 82 Stranmillis Road, Belfast; Herbert Samuel McCauley, 22 Chadwick Street, Belfast; Stanley James Johnston, 47 South Parade, Belfast; Arthur Patrick Doran, 2 Brooklyn Terrace, Mountain Road, Kilkeel; Alexander Best, 37 Albert Street, Lurgan; Miss Christina Mulholland, Keady, co. Armagh; Robert Frew, 64 Haypark Avenue, Belfast; Walter Baxter, 4 Market Street, Lurgan; Sydney Bolton, 328 Upper Newtownards Road, Belfast; John Steven Aitken, Millmount, Enniskillen; Sidney Magowan, Beechmount, Sandown Road, Belfast; William John Moffett, 324 Beersbridge Road, Belfast; Miss Louisa Kathleen Rooney, Castle Pharmacy, Castle Estate, Belfast; Thomas Walter Currie, 142 Orby Drive, Belfast; Daniel Leo McArdle, 117 Divis Street, Belfast; Noel Sanderson, Bridge Street, Ballymena; Harold Clark McCormick, 87 Duncairn Gardens, Belfast; John Joseph Huey, 72 University Street, Belfast; Miss Rhoda Dawson, The Medical Hall, Ballycastle; Victor Grattan, 36 High Street, Lurgan; James Austin Gilmore O'Keeney, The Medical Hall, Maghera; Harold Graham Gwynne, 62 The Mount, Belfast; Alfred Wm. Stevenson, 23 Bradbury Place, Belfast.

The following nominated candidates were elected associates of the Society: John Edward Hudson, Newry Street, Kilkeel; Thomas Murray Shannon, Main Street, Rathfriland; Archibald Smith, Riversdale, Coleraine; James Alexander Hogg, 2 Manselton Park, Bangor.

Personalia

MR. S. H. FORREST, the new president of the Pharmaceutical Society of Northern Ireland, joined the Council in 1931. He carries on a pharmacy in Bangor, co. Down, and has taken a prominent part in pharmaceutical politics for some years. He served his apprenticeship with McKinneys in Cookstown, and qualified as L.P.S.I. in Dublin. After a period in that city he became manager of J. S. Balmer, Ltd., Bangor, and he was also at one time "on the road." Eventually Mr. Forrest set up for himself in Bangor, where he has developed a large business. He was returned to the Council at the first time of asking six years ago, and he has just been elected to the Bangor Borough Council.

MR. WALTER TATE, the new vice-president, is a son of the late Mr. James Tate, who in his day was one of the leading



MR. W. TATE

MR. H. F. MOORE

pharmacists in Ireland, and filled the office of president of the Pharmaceutical Society of Ireland in 1915-17. Mr. Tate is one of the most prominent of the junior members of the profession. He joined the Council four years ago and is also on the Committee of the Ulster Chemists' Association. He takes a great interest in the Ulster Tourist Development Association. He is the proprietor of a well-known pharmacy at 5/7 Royal Avenue, Belfast.

MR. HENRY F. MOORE, the new treasurer of the Society, served his apprenticeship to Mr. James Tate, Royal Avenue, and was afterwards in Price's Medical Hall, Clare Street, Dublin. Returning, he set up for himself at 134 Royal Avenue, Belfast, where he carries on an extensive business. Mr. Moore is a native of Belfast and resides in Bangor.

Birmingham Analysts' Report

IN the second quarter of 1937 the Birmingham analytical department examined 1,373 samples, of which seventy-five were bought formally and 1,298 informally. Of the sixty-four drugs analysed, seven were found incorrect. The following detailed accounts are given in the report:—

GLAUBER'S SALT.—This sample was found to consist entirely of Epsom salts. The vendor explained that in his absence his wife had filled up the Glauber's salt drawer with "crystal salts," believing them to be the same article.

SEIDLITZ POWDERS.—One of the samples tested showed an excess of 15 per cent. in weight in the blue paper, and a deficiency of 12 per cent. in the write. This mixture would thus be alkaline instead of practically neutral. The wholesaler concerned took entire responsibility for the error, stating that accuracy had been sacrificed for speed in production. Another sample sold as "extra strong" was found to contain an excess of 15 per cent. of sodium bicarbonate and had a deficiency of 4 per cent. of Rochelle salt. An analysis was made of the maker's stock powder from which the retailer's supply was sold, and it was found to be correct.

SODA-MINT TABLETS.—Although this name is given as a synonym for tab. sod. bicarb. co., B.P.C., there are many articles sold under the name which do not conform to the B.P.C. formula. The sample tested was found to contain no ammonium carbonate, which is included in the official formula. The vendors, stating that they only supplied the B.P.C. tablets when asked for or ordered as such, were warned that this practice would be regarded as a contravention of the Food and Drugs (Adulteration) Act, and were advised to supply the B.P.C. article in future.

FORMALIN TABLETS.—Both the samples tested proved deficient in paraformaldehyde. In each case the wholesaler had supplied tablets made to a private formula instead of that of the B.P.C. The vendors undertook to supply the official tablets in future. Twenty samples of various drugs were examined from dispensaries under the control of the Public Health authorities. Three of these were found incorrect.

OXYMEL OF SQUILL.—The sample contained dextrose instead of honey, the suppliers explaining that the preparation had been sold erroneously under a special label used for one of their own formulas.

MERCURY WITH CHALK TABLETS.—These were found deficient in both ingredients to the extent of 20 per cent.

BLAUD'S PILLS.—These contained 0.38 gr. of ferrous carbonate instead of 1 gr., the remainder of the carbonate having oxidised.

Spa Water as Vermifuge

AN explanation of the vermifugal action of a natural Brazilian mineral water is described by O. C. Netto ("Archives of Medical Hydrology," October 1937, p. 315). Among the springs of this spa is one called Qui-si-sana, which contains bicarbonate of iron, oxide of manganese and free carbon dioxide. On account of its low mineral and high gas content, the specific gravity of the water is below that of distilled water, but the amounts of the mineral salts, maintained in solution by the carbon dioxide, prevent its domestic use because of the deposits which would soon form on the supply pipes. The water is used as a diuretic and also widely as a vermifuge for the dislodgment and expulsion of intestinal worms. Because its use for the latter purpose has hitherto remained empirical, Dr. Netto has recently submitted the following explanation. He bases his theory on the well-known fact that fish cannot survive in water containing iron and manganese, as metallic particles are deposited in their respiratory organs. He believes it is reasonable to suppose that particles of these metals are rapidly precipitated in the respiratory gills of the worms, owing to the instability of the water, resulting in their death. The editor of "Archives of Medical Hydrology," in a footnote to the article, reminds his readers that chalybeate Tunbridge Wells spa water once had a reputation as a vermicide.

N.H.I. Payments Scrutinised

By F. C. Wilson

IN view of recent comments, in the trade Press and in other places, on the pharmacist's remuneration under the N.H.I. Acts, it may be well to examine closely the payments made by the State to the pharmacist for his professional services under these Acts. Let it be imagined that a young pharmacist opens premises for the purpose of dispensing N.H.I. prescriptions and for this purpose alone, and then it will be possible to see exactly how much he could earn as a State dispenser under the present terms of service.

Taking the figures for recent years as the basis for argument, it is seen that the average fees paid to pharmacists for services, as distinct from payments for drugs and appliances, are £18 2s. 6d. per 1,000 prescriptions dispensed ; and as this is at the present time subject to a discount of 10 per cent., which may or may not be returned later, there is a net return of £16 6s. 6d. for each 1,000 prescriptions.

The young pharmacist under consideration, working carefully and accurately at his dispensing counter, will be able to dispense, on the average, one prescription in five minutes ; therefore, if he is allowed two minutes' interval between each two clients, he will dispense 7⅔ prescriptions per hour. If he opens his pharmacy from 9 a.m. to 8 p.m. and takes two hours' interval for his meals, he will be enabled to turn out sixty-nine scripts per day ; and if he is at work five full days in the week, together with five hours on his half-day and one hour on Sunday, his maximum weekly output is 389 prescriptions.

Out of his remuneration of £16 6s. 6d. per 1,000 prescriptions he will have to supply corks, labels, wrappers, string and sealing wax, which together would, on a conservative estimate, cost him 15s. per 1,000, thus reducing his income to £15 11s. 6d. per 1,000 scripts ; therefore for a period of work of fifty-one hours, spread over the seven days of the week, his gross earnings will be £6 1s. 2d. In order that he may undertake the work of dispensing these prescriptions, it will be necessary for him to provide premises, and it would cost the pharmacist occupying them at least 25s. a week in rent and rates to maintain them. He would then have £4 16s. 2d. left. Out of this he has to pay for the lighting, heating and cleaning of his pharmacy at a probable cost of 10s. a week, and an errand-boy will cost him 15s. per week ; so his earnings are now reduced to £3 11s. 2d. But in order to earn this he has had to provide a certain amount of stock and some fixtures, and it is unlikely that these would cost him less than £250, and the interest on this capital at 5 per cent. would amount to 5s. per week. If he is allowed another 5s. per week to meet the multifarious expenses such as tram fares, laundry, postages, bank charges, breakages, etc., it can be seen that a benevolent State pays to a pharmacist a net salary of £3 1s. 2d. for his week's work.

Is there any pharmacist who does not feel heartily disgusted with this, the State's valuation of his value to the community? Is it necessary to bring forward any other evidence of the need for an immediate revision of the terms of service?

The figures shown here prove beyond any doubt that the Government could not set up State dispensaries at a cost to itself anywhere near so low as the cost of the present service. Pharmacists should rid themselves of this fear, and should insist on suitable remuneration for their services.

Proprietary Articles Trade Association

Council Meeting

THE quarterly meeting of the Council of the Proprietary Articles Trade Association was held in London on October 14, the president (Mr. Thomas Marns) in the chair.

THE LATE MR. ALFRED HIGGS

THE PRESIDENT referred to the great loss occasioned to the Council and to the Association by the death of Mr. Alfred Higgs. A resolution expressing the Council's sympathy with the family and their appreciation of Mr. Higgs's services as member of the retail section of the Executive Committee and as president was passed.

ADDITION TO RULE 42

At their last meeting the Council added to Rule 42 a provision empowering the Council to require any person to pay to the Association a fine as a further condition of his being removed from or not being placed on the Stop List. On the motion of THE PRESIDENT, the Council passed a further resolution defining the limits within which such fines may be imposed:—

For a retailer a fine not exceeding £25 for a first offence and £50 for a subsequent offence ; for a wholesaler a fine not exceeding £100 for a first offence and £200 for a subsequent offence.

COMBINED BUYING

In connexion with the addition to Rules 44 and 45 (adopted at the last meeting) of provisions relating to the non-division of P.A.T.A. goods bought on "window display" or "quantity parcel" terms, the Council decided to recommend the adoption on their invoices by manufacturers and wholesalers of the following form of wording:—

Acceptance of P.A.T.A. or other price-protected goods included in this invoice implies acceptance by the purchaser of all conditions relating to the sale or distribution of such goods, failing which the goods must be returned. P.A.T.A. goods purchased on bonus, "quantity" or display terms may not be divided with any other trader or sold except at the full retail prices.

TRADE MARKS (AMENDMENT) ACT, 1937

The Council gave consideration to Section 17 of the Trade Marks (Amendment) Act, 1937, which provides, *inter alia*, that under certain prescribed conditions the alteration, partial removal or partial obliteration of a registered trade mark shall be deemed to be an infringement of the trade mark.

SUPPLY OF P.A.T.A. GOODS IN CANTEENS

The Council were advised that certain cases connected with the supply of P.A.T.A. goods in canteens in the London area were being investigated.

SECRETARIES' REPORT

The Council received thes ecretaries' report on price-maintenance activities and investigation during the past quarter. This showed that 3,000 test purchases had been made, and that by means of coding several hundred sources of supply to cutters had been traced. The improvement in the price-cutting position in the provinces was maintained.

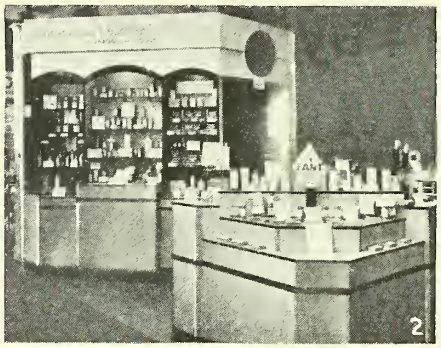
Protected List Changes

WE are advised by the Proprietary Articles Trade Association, 43 Gordon Square, London, W.C.1, of the following changes in the Protected List. The retail and wholesale prices quoted are the minimum selling prices fixed by the manufacturers and protected by the P.A.T.A.:—

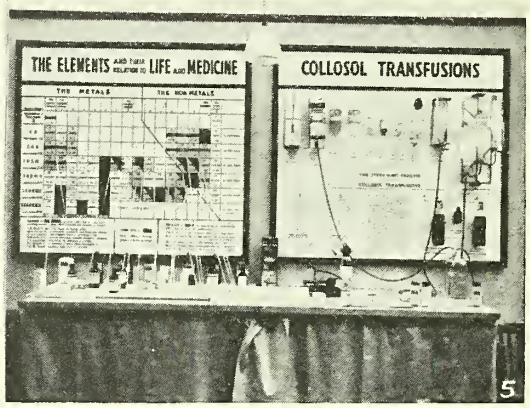
ADDITIONS.—Wm. R. Warner & Co., Ltd., Anusol brand ointment, 3s. 6d., 31s. 6d. dozen.

ALTERATIONS.—Genatosan, Ltd., Genozo brand tooth paste, 6d., 4s. dozen ; 1s., 8s. dozen ; 1s. 6d., 12s. dozen.; less 10 per cent. on mixed parcels value £5. When purchased in bonus quantities (£3 as part of a £5 parcel) Genozo will be supplied 13 to dozen, less 10 per cent. with a cash voucher for 5 per cent of the gross amount of the Genozo in the order. Orders for £3 (Genozo only) will be executed at 13 to the dozen less 7½ per cent. E. F. Langdale: Commencing November 1 retail chemists will receive an additional 10 per cent. bonus on 6 dozen 1s. 3d. size or equivalent Langdale's Cinnamon. Marie Antoinette Co., Ltd.: Morgan's Pomade, 1s. 9d., 15s. dozen ; 3s. 3d., 27s. dozen ; less 7½ per cent. on 3 dozen, or 10 per cent. on 6 dozen.

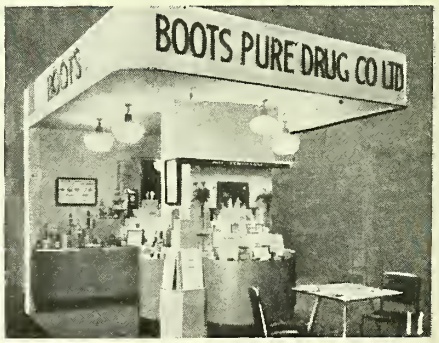
DELETIONS.—Maconochie Bros., Ltd.: The Athletes' Friend glucose barley sugar tablets, glucose and black currant jelly, glucose and honey. F. Wolff & Sohn: No. 2587 Kaloderma White Vanishing Cream.



At the London Medical Exhibition



1. Pharmaceutical Specialities (May & Baker), Ltd.
2. Evans Sons Lescher & Webb, Ltd.
3. Burroughs Wellcome & Co.
4. Eli Lilly & Co., Ltd.
5. The Crookes Laboratories (British Colloids, Ltd.).
6. J. F. MacFarlan & Co.
7. The British Drug Houses, Ltd.
8. John Bell & Croyden (Savory & Moore, Ltd.).
9. W. J. Rendell, Ltd.
10. Coates & Cooper, Ltd.
11. Boots Pure Drug Co., Ltd.

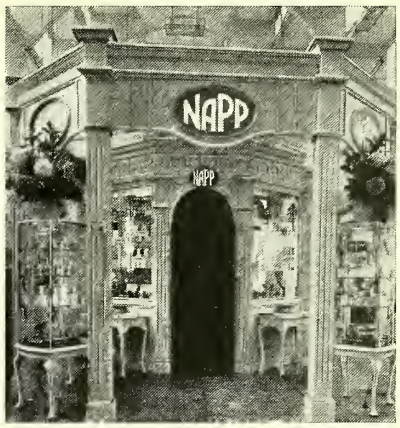


London Medical Exhibition

THE London Medical Exhibition of any particular year can usually be identified by the appearance of a common principle in many of the preparations newly introduced to medical practitioners. This year's Exhibition, which opened (to the medical profession only) at the Horticultural Hall, Westminster, London, S.W.1, on October 18, will probably be remembered as the "natural vitamin concentrate" year. It was noticeable that synthetic vitamin preparations exhibited were few; nor did they occasion the same interest as several new vitamin concentrates obtained from natural sources (chiefly halibut-liver oil) or preparations reinforced with natural vitamin concentrates. As usual, the Exhibition was well arranged, the stands were models of neat, "ethical" display, and the numerous professional visitors had the appearance of taking the Exhibition seriously and methodically. To pharmacists in business the most important aspect of the Exhibition, since they have not the opportunity of attending it, is probably the opportunity it provides of summarising the medicinal preparations which are arousing the greatest interest among their medical customers. An account of the exhibits of some of the best known of the drug-trade manufacturers and suppliers is given below.

Drug Trade Exhibitors

ABBOTT LABORATORIES (ENGLAND), LTD. (Metaphen, an organic mercury germicide; Nembutal, sodium-ethyl (1-methyl butyl) barbiturate; and other branded specialities); ALLEN & HANBURYS, LTD. (branded specialities; new products include A.B. protamin insulin (with zinc) suspension; Antihæsin organic solvent for removing plasters; Lysantol pastilles, mouthwash and soap; Salicylisin liniment and ointment); ANGLO-FRENCH DRUG CO., LTD. (branded specialities); ANTIBODY PRODUCTS, LTD. (air-borne dust proteins; pneumonia and oral Antibacsyn, a preparation containing euglobulin adsorbed to a calcium-magnesium saline; grass pollen hay-fever treatment; Antimalignyn); THE ANTIGEN LABORATORIES (Femaloid endocrine tonic; Ruthmol chloride-free table salt; Pan-Vax anti-virus ointment; Pyridacil urinary antiseptic, etc.); ARMOUR & CO., LTD. (glandular products, a new Glanule range of gland substances in elastic capsules; suprarenal concentrate capsules for allergic conditions; suprarenal solution 1:100 for oral inhalation); ARNOLD & SONS, (hospital furniture and surgical instruments); BAYER PRODUCTS, LTD. (Betaxan synthetic Vitamin B; Salyrgan and Salyrgan suppositories; and a range of established specialities including Atebrin); BOOTS PURE DRUG CO., LTD. (new products included Ferosan, ferrous chloride capsules; Supersan, non-poisonous antiseptic; Sulphanilamide-Boots; Physostab gonad-stimulating hormone; also exhibited were Antostab, Ovostab, Luteostab hormone preparations; Protamine Insulin (with zinc) Suspension-Boots and numerous other specialities); BOVRIL, LTD. (Bovril and Invalid Bovril); BRAND & CO., LTD. (meat essences); BRITISH ALKALOIDS, LTD. (T.C.P. and T.C.P. preparations); BRITISH COD LIVER OIL PRODUCERS (HULL), LTD. (Seven Seas cod-liver oil); THE BRITISH DRUG HOUSES, LTD. (Anahæmin, hæmopoietic liver principle; sulphonamide-P; Mandecal, a new product of calcium mandelate; sex hormone products; vitamin preparations); BURROUGHS WELLCOME & CO. (serological products; Stypven Russell viper venom; Digoxin; Ryzamin-B rice polishings concentrate; Wellcome protamine insulin (with zinc) suspension; sulphonamide-P; Tabloid products); CADBURY BROS., LTD. (Bourn-Vita); THOS. CHRISTY & CO., LTD. (Airsea-travel sickness antidote; Gorun; Histoplast Vaccine Plasters—anti-staphylococcal vaccine on plaster; Lysoform disinfectant and deodorant; Urginin—a "council accepted" product of standardised squill glucosides); COATES & COOPER, LTD. (proprietaries including Sangostop a new pectin hæmostatic; Hepferol iron and liver granules; Pankreon—combining tannic acid and pancreatic substances); CONTINENTAL LABORATORIES, LTD. (branded specialities); CORN PRODUCTS, LTD. (Dextrosol; Karo food); CROOKES LABORATORIES (BRITISH COLLOIDS, LTD.) (specialities including Tri-Antiseptic Crookes, a new soapless and alkali-free antiseptic giving clear dilutions; sulphanilamide spray, ointment and suspension; Glucose B.D.; Halcova vitamin beverage); CUXSON, GERRARD & CO., LTD. (G.P. parachlormetaxylenol antiseptic; surgeons' dressing cases, etc.); DENVER CHEMICAL MANUFACTURING CO. (Antiphlogistine); EVANS SONS LESCHER & WEBB, LTD. (biological products; antitoxins; vaccines; Hepatex liver extracts; Streptocide oral; Streptocide ointment; Percalcin—a new product of calcium in organic combination; Zant germicide); FASSETT & JOHNSON, LTD. (Antikamnia analgesic tablets; Argyrol; Burson elastic hosiery; Lingford's liver salt; Ovoferrin colloidal iron tonic; Quinisan bisalicylo-salicylate; Seabury & Johnson dressings; Zonite chloroamine pessaries); GENATOSAN, LTD. (Detoxicated vaccines, oral vaccines; local immunity products; Fissan preparations; Genozo toothpaste; branded specialities); GLAXO LABORATORIES, LTD. (branded specialities including Exâmen, a new concentrated liver extract); C. J. HEWLETT & SON, LTD. (specialities—P.A.B.S. sulphonamide-P emulsion; syr. ammonium mandelate; nebulique ephedrine); INGRAM & ROYLE, LTD. (mineral and spa waters); JOHNSON & JOHNSON (GREAT BRITAIN), LTD. (plasters); KAYLENE, LTD. (kaolin preparations); KEEN, ROBINSON & CO., LTD. (barley and mustard products); ELI LILLY & CO., LTD. (biological products—Entoral oral vaccines, Hepicoleum vitamin preparations, Merthiolate antiseptic, Bilron iron bile salts); J. F. MACFARLAN & CO. (ether, chloroform, ligaments, etc.); MENLEY & JAMES, LTD. (Iodex preparations, Benzedrine inhaler and tablets, Calsiod tablets, etc.); G. F. MERSON, LTD. (catgut); H. R. NAPP, LTD. (Sedonan, a 5 per cent. solution of phenyldimethylpyrazolone in anhydrous glycerin; Ferro-Hepamult, a combined liver and ferrous iron preparation; Sanocrysin, and other specialities); NESTLÉ'S MILK PRODUCTS, LTD. (homogenised vegetable purées, Lactogen food, etc.); ORGANON LABORATORIES (Ambinon, Hombreol, Kolpon, Menformon, Pregnyl and other hormone preparations); OXO, LTD. (Oxo, glandular preparations, etc.); PARKE, DAVIS & CO. (Nadola, a preparation of halibut-liver oil fortified with Vitamin-D; Abidon capsules; Mapharside; and other specialities); PETROLAGAR LABORATORIES, LTD. (Petrolagar varieties; Endrine, Proctoids; Wyeth's Amphoteric Gel., etc.); PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD. (cod-liver oil products reinforced with natural vitamins; Zephrol ephedrine cough syrup; Soluseptasine and Proseptasine, liquid and tablet forms of a derivative of *p*-aminobenzenesulphonamide; and other specialities); PRENTIF, LTD. (specialities); RADIUM ELECTRIC, LTD. (radioactive compress); RECKITT & SONS, LTD. (Dettol, Dettolin, etc.); W. J. RENDELL, LTD. (specialities and booklets); ROCHE PRODUCTS, LTD. (Redoxon synthetic Vitamin C; Navigan sedative tablets; Roche Apicur bee venom solution, etc.); SANDOZ PRODUCTS (J. FLINT) (Bellergal; Digilanid *digitalis lanata* glucosides; Femergin-ergotamine tartrate; Calcium-Sandoz); SAVORY & MOORE, LTD. (most prominent were glucose with added natural Vitamin D (from halibut oil); and E.S.T.P. ether-soluble tar paste); SCHERING, LTD. (Proviron and Testoviron male hormone preparations; Folinerin, glucoside from *folia Nerii oleandri*; Petëin, for whooping cough, etc.); SCOTT & BOWNE, LTD. (halibut-liver and cod-liver oil specialities); SHARP & DOHME, LTD. (Mulford specialities, etc.); T. J. SMITH & NEPHEW, LTD. (a range of dressings; surgeon's dressing cases; elastic plasters; Elastolex improved crepe bandages; Viscopaste); TRUFOOD, LTD. (Trufood and Follow-on-Trufood—a new progressive nutritive infant food); VIROL, LTD. (Virol, Virolax, Virol and Milk); WILLIAM R. WARNER & CO., LTD. (Veganin sedative; Veracolate); JOHN WRIGHT & SONS, LTD. (medical publications).



Stand of H. R. NAPP, LTD.

Pharmaceutical Society of Great Britain

Edinburgh Examination Results

THE following are the results of the examinations held in Edinburgh during the present month:—

Examination	Entered	Absent	Failed	Referred (One subject)	Passed
Preliminary Scientific:—					
(a) Whole examination ...	116	4	51	34	27
(b) Referred subject	55	1	—	12	42
Chemist & Druggist Qualifying:—					
(a) Whole examination ...	124	5	33	37	49
(b) Referred subject	72	—	—	6	66

Under regulations 9 and 16 the Board also prescribed that before re-entry for the examination 21 candidates should undergo a further course of study as follows:—

PRELIMINARY SCIENTIFIC EXAMINATION

In all subjects, 1; in botany and chemistry, 1; in botany and physics, 1; in chemistry and physics, 5; in botany only, 1; in chemistry only, 6; in physics only, 5.

CHEMIST AND DRUGGIST QUALIFYING EXAMINATION

In all subjects less physiology, 1.

SUMMARY OF REJECTED CANDIDATES

Subject	Entered	Absent	Referred	Failed
Biology (botany+zoology) ...	45 } 141	2 } 5	1 } 3	11 } 30
Botany (botany section only) ...	96 }	3 }	2 }	19 }
Chemistry	130	5	23	49
Physics	133	5	20	49
Pharmacognosy	138	5	2	22
Pharmaceutics	160	5	31	30
Physiology	122	5	—	17
Pharmaceutical chemistry ...	145	5	9	27
Forensic pharmacy	124	5	1	17

CHEMIST AND DRUGGIST QUALIFYING EXAMINATION

The following candidates have satisfied the examiners:—

Adam, J. D., Dundee
Anderson, D. R., Perth
Annable, J. C., Gateshead
Ball, J. L. J., Liverpool
Bent, A. E., Birkdale
Billington, F. A., Birmingham
Brebner, Elizabeth B., New Deer
Broadbent, J., Leeds
Burnett, Dorothy C. M., Glasgow
Calvert, H. Y., West Hartlepool
Chrystal, D., Coaltown E. Wemyss
Clark, G. E., Stockton-on-Tees
Clement, W., Spennymoor
Collishaw, E. R., Sleaford
Collins, R. G., Wallasey
Connor, J. R., Liverpool
Cowan, R., Newcastle-on-Tyne
Crawford, R. A., Glasgow
Creak, J. A., Leeds
Davidson, W., Leith
Davies, Iola, Inchinnan, Renfrews
Davies, Muriel, Liverpool
Davies, P., Bridgford, Notts
Dewhurst, J. C., Manchester
Dickie, D. L., Aberdeen
Dickin, W. L., Liverpool
Dowdy, J., Manchester
Duncan, C. S., Dundee
Duncan, E. W., Aberdeen
Dyson, A. H., Blackpool
Easby, Madge, Stockton-on-Tees
Fyfe, Elizabeth W., Glasgow
Gaulter, J., Wirral
Gibson, T., Newcastle-on-Tyne
Gillott, V. J., Harrogate
Gilliland, E., Liverpool
Glover, H. J., Harrogate
Goode, S. J. M., Liverpool
Gould, R., Stockton-on-Tees
Guy, J. C., Oldham
Haines, Janet D., Edinburgh
Hamilton, T. G., Buckie
Harper, C. C., Birmingham
Harris, A. S., Birmingham
Harrison, J., Edinburgh
Hart, Vera, Sunderland
Hiley, Muriel, Bradford
Hitchings, R. B., Liverpool
Hockin, S., Manchester
Hughes, E. R., Liverpool
Hughes, F. A., Chester
Hutchinson, Annie, Skelmersdale
Ingall, L., Southport
Innes, A., Keith
Irvine, R. M., Montrose
Jackson, H. M., Leeds
Johnston, Mary V., Eastburn
Jones, N., Birmingham
Jones, R. G., Liverpool
Jones, T. A., Whitby
Lidgate, R. A., Newcastle-on-Tyne
Lord, J., Blackpool
Lord, J. F., Bolton
Macrae, C. W. P., Birmingham
McCrae, W., Dalry, Ayrshire
McDonald, J., Paisley
MacDonald, K., Glasgow
McDougall, F. J. D., Edinburgh
Mackay, G., Galashiels
McLeish, J. C., Penicuik
McNaught, J., Maxwelltown
McTurk, D., Troon
Marriott, W. R. T., Stockton-on-Tees
Maud, L., Consett, Co. Durham
Mawer, J. C., Preston
Mercer, A., Windygates, Fife
Naylor, Dorothy J., Halifax
Neville, I. H., Wombwell
Newall, W. M., Stevenston, Ayrs
Pirie, Florence M., Grantown-on-Spey
Power, W. S., Warrington
Pringle, W., West Linton
Proud, A., Durham
Reid, E. M. C., Glasgow
Reid, Margaret H., Edinburgh
Roberts, D. E., Mold
Salisbury, W. A., Bolton
Scott, G. C., West Hartlepool
Sellar, D. R., Dollar
Skinner, P. H., Rushden
Smith, H. C., Chorley
Stein, J., Clackmannan
Stewart, W. G., Port Bannatyne
Swerling, M., Southport
Talbot, C. B., Liverpool
Taylor, A. C., Wirral
Taylor, J. Y. S., Inchture
Taylor, J., Lincoln
Taylor, W. C., Glasgow
Thomas, A. R., Llangaffo
Thomas, Idris, Cerrigydrudion, near Corwen
Tippings, N., Manchester
Trout, A., Hull
Wakefield, A. J., Sale
Walker, R. S., Mansfield
Walker, W. H., Settle
Walmsley, F. H., Morecambe
Warburton, G., Bolton
Whittet, T. D., West Hartlepool
Williams, R. E., Middlesbrough
Wiliams, S., Abermorddu, Wrexham
Wilson, D. G., Maryport
Wilson, H., Blackburn
Wise, J. G., York
Wright, C. W. McKenzie, Liverpool

Plans Passed

Plans for the Society's new headquarters in Brunswick Square, W.C.1, have been approved by the London County Council.

Zanzibar Clove Report

THE Clove Growers' Association report supplies and exports for the three months ended June 30, 1937, were as follows:— Supplies: Zanzibar, 61,624 lb.; Pemba, 1,264,148 lb. Exports: 1,578,715 lb. The chief destinations were:—

	Bales	Lb.
Dutch East Indies	3,489	488,450
Bombay and Indian Ports ...	3,683	515,620
America, North-South	1,167	163,380
United Kingdom and Continent ...	2,109	295,290
Straits Settlements	142	19,830
All other destinations	687	96,145

Details for the twelve months July 1, 1936, to June 30, 1937, were as follows:—

Supplies: Zanzibar, 1,578,367 lb.; Pemba, 12,304,890 lb. Exports: To all destinations, 21,397,873 lb.

The chief destinations were:—

	Bales	Lb.
Dutch East Indies	76,698	10,737,683
Bombay and Indian Ports ...	31,291	4,380,705
America, North and South ...	21,880	3,063,182
United Kingdom and Continent	14,527	2,033,837
Straits Settlements	1,604	224,510
All other destinations ...	6,842	957,956

The Zanzibar crop report states: It appears that the crop will be a large one with cloves ripening fairly steadily from July till February or early March of 1938. The crop stage is now sufficiently advanced to permit of forecasts being made; these indicate some 220,000 frasilas are already visible, but this figure is likely to be increased as further definite signs of crop become apparent. It is to be observed, however, that clove harvests are to a great extent dependent on factors other than the actual production of the trees. Cultivation of clove shambas has been general throughout the period.

Pemba reports all seedlings raised in the Government nurseries in Pemba were sold during the quarter and in addition large quantities of self-sown seedlings were used. The promise of a good clove crop indicated in the statement for the first quarter is confirmed, but it is not yet possible to estimate the size of the crop. Although a small amount of harvesting has been done, picking in the south and centre of Pemba will not be general for about six weeks; in the north of the island the crop will probably begin in October and continue into 1938.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, October 21

MANY OF THE leading speculative commodities are at present unsettled following a general break in these markets. This movement has had little or no effect on conditions in the drug markets, with the tone generally steady and quite a fair amount of business being transacted. Quoted prices in the PHARMACEUTICAL CHEMICALS markets are generally unchanged, with EPHEDRINE, GALLIC ACID, PYROGALLIC ACID and TANNIC ACID the strong features. An upward movement in the values of MOLYBDATES would not be surprising.

Crude Drugs

Business in these commodities continues on a very fair scale, and values are fully maintained. A desire to clear old stocks of AGAR is reflected in the cheaper shipment offers. Curaçao ALOES continue very firm, but business has been quieter. Canada BALSAM is again dearer and short in supply. Japanese CAMPHOR is still selling freely on spot at full prices. Shipment quotations received this week for Aleppy CARDAMOMS and Bombay SEED are cheaper. Spot and shipment prices for CASCARA SAGRADA are steady, business quiet. Bergen notifies rather cheaper shipment prices for Norwegian COD-LIVER OIL. The ERGOT market is attracting very little inquiry. Shipment quotations for Sudan GUM ACACIA are cheaper. The limited supplies of HONEY are firmly held at rather dearer prices. Japanese MENTHOL continues in good demand on spot and for early arrival; Japanese shippers are only quoting for January and onwards shipment, with values rather easier. MERCURY has again been quiet, with spot values slightly cheaper. The small lots of RHUBARB available on spot are firmly held; demand quiet this week. RUBBER shows a sharp decline. The demand for SENNA has been quiet, market steady. White grades of TRAGACANTH continue in demand at full prices. Rather more business reported in some descriptions of BEES' WAX.

Essential Oils

A little more business is reported in some products and trade generally seems to have been on a little better scale. The few cases of tins of ANISE (STAR) are firmly held on spot; a few drums afloat are now offering. There has been little business in BERGAMOT; the Consortium price is nominally unchanged. Brazilian BOIS DE ROSE is short and dearer on spot. Demand for CASSIA has been slow, but with no shipment offers; spot values are firmly maintained. Java and Ceylon CITRONELLA have remained quiet and quoted unchanged. Moderate sales of Ho (SHIU) on spot, with values fully steady. New crop LAVENDER has met with a slow demand. Unsettled conditions are reported in the shipment market for Sicilian hand-pressed LEMON, due, apparently, to reports of some very cheap offers of new crop oil; these would appear to be of a purely speculative character. The comparatively low prices are not likely to affect the shippers' quotations for good brands of oil. NUTMEG continues firm at recent advances. No shipment quotations for new crop French Guinea ORANGE yet to hand; meanwhile the market is quiet. Japanese PEPPERMINT continues to sell well on spot and for early arrival at full prices; Japaneses shippers' quotations for January and onwards shipment tend rather easier. PALMAROSA is cheaper for shipment, but spot continues fully steady owing to the limited supplies available.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	October 14	October 21
Amsterdam	Fls. to £	12·107	8·96½	8·96
Berlin	Mks. to £	20·43	12·34	12·32
Brussels	Belgas to £	nominal	29·42	29·41
Copenhagen	Kr. to £	18·159	22·40	22·40
Lisbon	Esc. to £	110	110⅛	110⅛
Madrid	Ptas. to £	25·22½	nominal	nominal
Milan...	Lire to £	92·46	94⅛	94⅛
Montreal	Dol. to £	4·86¾	4·95½	4·95¼
New York	Dol. to £	nominal	4·95¾	4·95½
Oslo	Kr. to £	18·159	19·90	19·90
Paris	Fr. to £	124·21	147½	146¾
Prague	Kr. to £	164·25	141¾	141½
Stockholm	Kr. to £	18·150	19·40	19·40
Warsaw	Zloty to £	43·38	26¼	26¼
Zurich	Fr. to £	25·2115	21·55	21·50

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

THE markets have been rather quiet this week, with the general tone steady. Ephedrine hydrochloride continues scarce and dear.

ACETANILIDE.—Market continues steady: B.P. crystals and powder, 1s. 8d. to 1s. 10½d. per lb., as to quantity.

AMIDOPYRINE.—Convention prices unchanged, business slow: two cwt., 8s. 10d.; one cwt., 9s. 1¾d.; less than one cwt., from 9s. 5½d. per lb.; powder, 2½d. per lb. extra.

AMMONIUM ICHTHIOSULPHONATE.—Business of small account: one cwt., 1s. 6½d. in 14-lb. tins; 1s. 8d. in 1-lb. tins; 1s. 10½d. in 8-oz. tins, and 2s. 1d. per lb. in 4-oz. tins.

ASPIRIN.—Makers' and dealers' prices are steady, average business reported: home trade, ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 3s.; 14 lb., 3s. 1½d.; 7 lb., 3s. 2¾d.; 4 lb., 3s. 4½d.; 1 lb., 3s. 7d. per lb. Bulk packing free, net, carriage paid. Contracts, over twelve months, minimum one ton; over six months, less than one ton.

BENZOIC ACID (B.P.).—Market steady, fair business: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 3d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of prices continue steady. Carbonate, not less than one cwt., 6s. 6d.; 28 lb., 6s. 9d.; 8 lb., 7s. 3d.; 4 lb., 8s.; less than 4 lb., 8s. 6d. per lb.

BROMIDES.—Makers' scales of prices steady. POTASSIUM, B.P., five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s. per lb. SODIUM, B.P., five cwt., 1s. 10d.; one cwt., 1s. 11d.; 28 lb., 2s. 2d. per lb. AMMONIUM, BP., five cwt., 1s. 11d.; one cwt., 2s.; 28 lb., 2s. 3d. per lb., net. Resale clause applies, 28-lb. parcels and one-cwt. cases free. Smaller quantities than 28 lb. at higher prices. Export quotations are maintained, as follows: POTASSIUM, B.P., five cwt., 1s. 4d.; one cwt., 1s. 4½d. SODIUM, B.P., five cwt., 1s. 5d.; one cwt., 1s. 5½d. AMMONIUM, B.P., five cwt., 1s. 6½d.; one cwt., 1s. 7d. per lb., f.o.b.

BUTYL CHLORAL HYDRATE.—Quoted unchanged: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CITRIC ACID (B.P.) CRYSTALS.—Fair business, market steady: British material quoted at 1s. 0¼d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

COCAINE.—British makers' prices for wholesale bulk quantities are quoted as follows:—HYDROCHLORIDE and NITRATE, 25 oz. and over, 29s. 6d.; 16 oz. and less than 25 oz., 30s. 9d.; over 8 oz. and less than 16 oz., 31s. 9d. per oz. PURE, CITRATE and SALICYLATE, 25 oz. and over, 32s. 6d.; 16 oz. and less than 25 oz., 33s. 6d.; over 8 oz. and less than 16 oz., 34s. 6d. per oz., 16-oz. packages free, smaller packing extra. The scales of prices applicable to distributors of smaller quantities are as follows: HYDROCHLORIDE and NITRATE, 8 oz., 34s. 1d.; 4 oz. and less than 8 oz., 34s. 7d.; 2 oz. and less than 4 oz., 35s. 5d.; 1 oz. and less than 2 oz., 36s. 5d.; ½ oz. and less than 1 oz., 37s. 11d.; ¼ oz. and less than ½ oz., 40s. 11d. per oz. PURE, CITRATE and SALICYLATE, 8 oz., 36s. 10d.; 4 oz. and less than 8 oz., 37s. 4d.; 2 oz. and less than 4 oz., 38s. 2d.; 1 oz. and less than 2 oz., 39s. 2d.; ½ oz. and less than 1 oz., 40s. 8d.; ¼ oz. and less than ½ oz., 43s. 8d. per oz., packages extra. Resale: Sales subject to buyers undertaking not to resell any quantity at below the scale price for such quantity current at the time of resale. Export prices vary according to destination.

CREAM OF TARTAR.—Steady at former values: British materials, 99 to 100 per cent., 92s. per cwt., less 2½ per cent discount. Dealers' prices for foreign material competitive.

EPHEDRINE.—Acute scarcity continues, with the small lots of HYDROCHLORIDE that may be available firm at 19s. to 20s. per oz. The pure alkaloid is nominally valued at 25s. per oz., but the demand is negligible.

GALLIC ACID.—Continues firm at the recent increase: one cwt., 3s.; smaller parcels, up to 3s. 6d. per lb.

GUAIACOL CARBONATE.—The spot quotation continues in the region of 9s. per lb.

HEXAMINE.—Makers' prices for bulk quantities are steady: B.P. powder at about 1s. 2½d.; free-running crystals, from 1s. 3d. to 1s. 6d. per lb., carriage paid, for bulk lots. Dealers quoting free-running crystals, one cwt., 1s. 4d.; 14 lb., 1s. 8d.; smaller parcels, up to 2s. per lb., carriage paid.

IODIDES.—The agreed scale of prices for iodides, iodine and iodoform, as from August 9, is:—POTASSIUM, B.P.—1 cwt., 4s. 6d.; 28 lb., 4s. 9d.; 14 lb., 5s.; 7 lb., 5s. 6d.; 4 lb., 6s.; smaller quantities, 6s. 6d. per lb. SODIUM, B.P., 28 lb., 5s. 9d.; 14 lb., 6s. 1d.; 7 lb., 6s. 7d.; 4 lb., 7s. 3d.; smaller quantities, 8s. 1d. per lb. IODINE, B.P., RESUBLIMED.—1 cwt., 5s. 4d.; 28 lb., 5s. 7d.; 14 lb., 5s. 10d.;

7 lb., 6s. 4d.; 4 lb., 7s.; smaller quantities, 7s. 9d. per lb. IODOFORM, B.P., CRYST., PRECIP. or POWDER.—28 lb., 8s.; 14 lb., 8s. 4d.; 7 lb., 9s.; 4 lb., 9s. 10d.; smaller quantities, 10s. 8d. per lb. Contracts for one cwt. and upwards (assorted if required) with fall clause, with delivery as required during four months. 28-lb. tins and one-cwt. cases free. All jars and bottles charged, but credited if returned carriage paid, in good condition, within three months. Assorted quantities are charged at the collective total prices. It is a condition of sale that buyers undertake not to resell any quantity of the above products at prices or terms below the scale for any such quantity current at the time the resale is made.

IRON QUININE CITRATE.—Makers' prices are as follows: not less than 100 oz., 10½d., in 100-oz. tins; 10¾d., in 25-oz. tins; 11d., in 16-oz. bottles; 11¼d., in 4-oz. and 8-oz. bottles; 1s. 0½d., in 1-oz. bottles, to 1s. 5½d.

LACTIC ACID (B.P.).—Market steady: quantities in carboys, 1s. 4½d. to 1s. 5½d.; in winchesters and bottles, 1s. 6d. to 1s. 10½d. per lb., as to quantity.

MERCURIALS.—Makers' scales of prices for these salts are unchanged. CHLORIDE, B.P. (CALOMEL).—One cwt., 5s. 11d.; less than one cwt., from 6s. per lb.

METHYL SALICYLATE.—Rather quiet for the time of year: spot, ten cwt., 1s. 1¾d.; five cwt., 1s. 2d.; one cwt., 1s. 2¼d.; less than one cwt., 1s. 2½d.; small quantities, in bottles, 2s. per lb.

METHYL SULPHONAL.—Dealers' prices, business dull: two cwt., 19s. 3¾d.; one cwt., 19s. 9¼d.; 56 lb., 20s. 2¾d.; small parcels, 20s. 8d. per lb.

PARAFORMALDEHYDE.—Quoted steadily, moderate business: 100 per cent. powder, quantities in kegs, 1s. 1d. to 1s. 1½d.; smaller parcels, up to 1s. 4½d. per lb., as to quantity.

PARALDEHYDE.—Quantities in demijohns from 1s. 1d. and smaller lots in winchesters about 1s. 4d. to 1s. 6d. per lb.

PEPSIN.—Prices for the 1/2,500 continue steady, with 50 lb. or less quoted at 10s. per lb. net, ex store.

PHENACETIN.—Makers' prices steady: crystals or powder, bulk quantities, 2s. 6d.; smaller parcels, 2s. 7d. to 3s. per lb., as to quantity.

PHENAZONE.—Convention prices unchanged, business quiet: spot, two cwt., 6s. 2½d.; one cwt., 6s. 5d.; less than one cwt., 6s. 8d. per lb.; powder, 2½d. per lb. extra.

PHOTOGRAPHIC CHEMICALS.—AMIDOL.—28 lb., 7s. 6d.; 14 lb., 8s. 3d.; 7 lb., 9s.; under 7 lb., 11s. 9d. per lb., in 1-lb. bottles. CHLORQUINOL.—1-lb. bottles, 21s. per lb. GLYCIN.—7 lb., 10s. 6d.; 1-lb. bottles, 13s. 6d. per lb. HYDROQUINONE.—56 lb., 4s. 10½d.; 28 lb., 5s.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; in 1-lb. bottles, 6s. 6d. per lb. METOL.—28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 9d.; 3 lb., 11s. 6d; 1-lb. bottles, 12s. 6d. per lb. ALUM (PHOTOGRAPHIC QUALITY).—1 cwt., 21s. per cwt., 28 lb. for 6s. GOLD CHLORIDE.—15-grain tubes, 45s. per doz. MAGNESIUM POWDER.—10s. per lb. PARAMIDOPHENOL HYDROCHLOR.—8s. 6d. per lb. POTASSIUM FERRICYANIDE.—14 lb., 2s. 2d.; 7 lb., 2s. 4d.; 1 lb., 2s. 6d. per lb. POTASSIUM METABISULPHITE.—One cwt., 7½d.; 28 lb., 8d.; 14 lb., 9d.; 7 lb., 11d.; 1 lb., 1s. per lb. PYROGALLIC ACID, CRYST., 28 lb., 6s. 9d.; 14 lb., 7s. 6d.; 7 lb., 8s. 3d.; under 7 lb., 8s. 9d. per lb. SODIUM (CARBONATE RECRYST.).— 5 cwt., 12s. 6d. per cwt.; 1 cwt., 15s. 6d. per cwt.; 56 lb. for 11s. 6d.; 28 lb. for 6s. SODIUM HYPOSULPHITE, CUBES, CRYST.—5 cwt., 16s. 3d.; 1 cwt., 18s. 6d. per cwt.; 56 lb. for 11s.; 28 lb. for 6s. SODIUM SULPHIDE (PURE).—7 lb., 1s. 3d.; 1 lb., 1s. 6d. per lb., bottles and jars charged extra and non-returnable. SODIUM SULPHITE, RECRYST.—One cwt., 20s. per cwt.; 56 lb. for 13s. 6d.; 28 lb. for 7s.

POTASSIUM PERMANGANATE (B.P.).—Steady demand for small parcels: bulk quantities, in drums, 9d.; druggists' parcels, from 10d. to 1s. per lb.

POTASSIUM SULPHOGUAIACOLATE.—Dealers' spot prices are in the region of 6s. 1½d. to 6s. 3d. per lb., as to quantity.

PYROGALLIC ACID.—Prices were advanced last week by 6d. per lb., as follows: crystals, 28 lb., 7s. 3d.; 14 lb., 7s. 9½d.; 7 lb., 8s. 9d.; under 7 lb., 9s. 3d. per lb.

QUININE SALTS.—Convention prices continue unchanged: sulphate, 2s. 2d.; bisulphate, 2s. 2d.; ethyl carbonate, 2s. 9¾d.; salicylate, 2s. 10½d.; hydrochloride, 2s. 8½d.; bihydrochloride, 3s.; hydrobromide, 2s. 8½d.; bihydrobromide, 3s.; valerianate, 3s.; hydrophosphite, 4s.; alkaloid, 3s. 10½d. per oz., carriage paid on bulk quantities; 100-oz. tins free, smaller packages extra.

RESORCIN.—British material only available: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., up to 6s. 6d. per lb.

SALICYLIC ACID (B.P.).—A little more inquiry: five cwt., 1s. 7d.; one cwt., 1s. 7½d.; 28 lb., 1s. 10d.; 14 lb., 1s. 11½d.; 7 lb., 2s. 0¾d.; 4 lb., 2s. 2¼d. per lb.

SALOL.—Keen prices quoted for a small business: spot, about 2s. 3d. to 2s. 8d. per lb., as to quantity.

SANTONIN.—Not very much business reported: prices continue at about £11 to £14 per kilo, as to quantity.

SODIUM BENZOATE (B.P.).—Competitive market, fair business: bulk quantities, 1s. 6d.; one cwt., 1s. 7d.; smaller parcels, 1s. 7½d. to 2s. per lb., as to quantity.

SODIUM DIETHYLBARBITURATE.—The scale of prices is steady: spot, one cwt., 11s.; 28 lb., 11s. 3d.; 14 lb., 11s. 6d.; 7 lb., 11s. 9d.; smaller parcels, up to 12s. 6d. per lb.

SODIUM SALICYLATE (B.P.).—Makers' prices unchanged, moderate demand: home trade, crystals or powder, five cwt., 1s. 5½d.; one cwt., 1s. 6d.; 28 lb., 1s. 9d.; 14 lb., 1s. 10d.; 7 lb., 2s.; 1 lb., 2s. 3d. per lb.

SULPHONAL.—Keen prices quoted for a small business: crystals or powder, two cwt., 15s. 5d.; one cwt., 15s. 11d.; 56 lb., 16s. 1d.; smaller parcels, up to 16s. 7½d. per lb.

TANNIC ACID (B.P. LEVISS).—Values for spot material are fully maintained at 2s. 8d. to 3s. per lb., as to quantity.

TARTARIC ACID (B.P. CRYSTALS).—Market continues steady: British makers quote at 1s. 1¼d. per lb., less 5 per cent. discount. Dealers offering foreign materials at competitive prices.

Crude Drugs, etc.

AGAR.—The spot market is steady as quoted. Some pressure to clear old crop at the source; quoted cheaper. Some inquiry for new crop but little business transacted so far: spot, Kobe, No. 1, 3s. 11d. to 4s.; No. 2, 3s. 6½d. to 3s. 7½d. Yokohama No. 1, 3s. 7d. per lb.; shipment, old crop, October-November, Kobe No. 1, 3s. 4d.; No. 2, 3s. 1d. per lb., c.i.f. New crop, January-February, Kobe No. 1, 2s. 7½d.; No. 2, 2s. 6½d.; Yokohama No. 1, 2s. 5½d. per lb., c.i.f.

ALOES.—Quoted prices continue firm, but business has been quieter: Cape, spot, 63s. to 64s.; shipment, 62s. 6d. to 63s. per cwt., c.i.f. Curacao, spot, blacks, from 135s. as to seller; livers, 145s. to 155s. per cwt.; shipment, nominal at 130s. to 132s. 6d. per cwt., c.i.f.

BALSAMS.—The strong feature is Canada, which is firm on spot at 4s. 9d. and tending dearer. Nothing offering from the source and new crop will not be available till March-April. *Tolu*, 1s. 10d. to 1s. 11d. *Peru*, 5s. 4½d. *Copaiba*, 2s. 1d. to 2s. 2d. per lb., ex store.

BUCHU.—Odd bale business continues with prices keeping up to former figures: spot, rounds, 2s. 1d. to 2s. 2d.; ovals, 1s. 9d. to 1s. 11d. per lb., ex store. Shipment, nominal.

BURDOCK ROOT.—Dealers are quoting spot root at about 48s. to 50s. per cwt., as to quantity.

CAMPHOR.—A steady sale at full prices is reported in the Japanese product: Japanese manufacturing BB grade, £8 10s. per 100 lb. Japanese, spot, tablets, 2s. 7½d.; powder, 2s. 4d.; slabs, 2s. 3½d. per lb., ex store; shipment, tablets, 2s. 3½d.; powder, 2s. 1d.; slabs, 2s. 0¾d. per lb., c.i.f.; English refined flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz., and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ⅓ oz., and ¼ oz., 3s. 6d. per lb.

CANTHARIDES.—Market is steady but rather quiet: Chinese, 2s. 3d. to 2s. 4d per lb., as to quantity; shipment, 1s. 9d. to 1s. 10d. per lb., c.i.f. A parcel of Russian, November-December shipment, is available at about 3s. 4½d. per lb., c.i.f.

CARDAMOMS.—Market remains dull with values at a further reduction: Green Aleppy, spot, 4s. 3d.; shipment, October-November, 3s. per lb., c.i.f. Bombay seeds, spot, 6s. 6d., shipment, 4s. 10d. per lb., c.i.f.

CASCARA SAGRADA.—Values are steadily maintained, business quiet: 1937 peel, 48s. per cwt., c.i.f., with spot holders asking 58s. to 60s. per cwt.; old bark, from 65s. to 70s. per cwt., ex store.

CHAMOMILES.—Inquiry for new crop has been quiet, but prices for first white flowers are firm at 170s. per cwt., landed and duty paid.

CLOVES.—Market quiet, values unchanged: Zanzibar, spot, 8⅝d.; shipment, November-December, 7⅞d. per lb., c.i.f. Madagascar, in bond, 7⅞d.; shipment, November-December, 7⅜d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended October 16 were *nil*, and the deliveries 27, leaving a stock of 2,766. From January 1 to date the landings of Zanzibar have been 5,053 and the deliveries 3,587. Landings of Madagascar for the week ended October 16 were *nil*, and the deliveries 61, leaving a stock of 3,523. From January 1 to date the landings of Madagascar have been 5,628 and the deliveries 2,915 packages

COCONUT (DESICCATED).—Slightly cheaper on a quiet market: spot, fine, 21s. 6d.; medium, 20s. 6d. per cwt.; shipment, halves, October, 20s. 3d.; December, 20s. 6d. per cwt., c.i.f.

COD-LIVER OIL.—Bergen reports shipment market is easier, with a quiet business. Exports to October 11 totalled 65,951 barrels, compared with 59,558 barrels at the same date in 1936 and 63,527 barrels in 1935: finest Lofoten steam refined, non-freezing medicinal oil, 107s. 6d. per barrel, c.i.f., London. Small lots on spot, about 142s. 6d. per barrel, ex store, duty paid. British finest medicinal oil is quoted at 110s. per barrel, delivered U.K., with rebates for 25, 50 or more barrels.

COLCHICUM.—Dealers are quoting root at about 47s. 6d. per cwt. and seeds at 10d. per lb., ex store.

COLOCYNTH.—Dealers offering bulk supplies of pulp at 1s. 4d. to 1s. 5d. per lb., as to quantity and quality.

DANDELION ROOT.—Dealers are quoting good clean Continental root at about 70s. to 72s. 6d. per cwt., ex store.

ERGOT.—Still but little interest in this market: Portuguese, spot, from 5s. 6d.; shipment, 4s. 10½d. to 5s., c.i.f. Some Bulgarian and Polish mentioned for shipment at 4s. 9d. and 5s. per lb., c.i.f.

GALLS.—Only supplies noted are Aleppy blues at 65s., greens at 70s., and whites at 55s. per cwt. No shipment offers of China plums.

GAMBOGE.—Supplies of fair Siam pipe quoted from £12 10s. to £13 10s. per cwt., ex store, as to quality.

GENTIAN.—Dealers are now quoting Continental root from 45s. to 50s. per cwt., as to quantity and quality.

GINGER.—Values steady, business quiet: West African, spot, 58s. 6d.; for arrival, 56s. per cwt., c.i.f. Jamaican, spot, bold in barrels, 87s. 6d.; small grinding in bags, 62s. 6d. per cwt., ex store.

GUM ACACIA.—Market remains dull, with shipment rather easier. Kordofan, cleaned sorts, spot, 52s. 6d.; shipment, 49s. per cwt., c.i.f.

HENBANE.—Dealers report small parcel business, with quotations about 75s. per cwt., ex store.

HENNA.—Fair business, market steady: Egyptian, green, 34s. to 35s.; brown, 30s. to 32s. 6d. per cwt., ex store, as to quantity.

HONEY.—General conditions in this market continue firm, and quite a good business at full prices is recorded. Supplies of Canadian new crop available are very limited and quoted dearer from 57s. 6d. to 60s. per cwt. Jamaican, dark liquid manufacturing, 40s. up to 55s. for pale set. Californian white clover is scarce and firm on spot at 52s. per cwt., duty paid. Very little of any other description offering.

HYDRASTIS.—Market is maintained at recent advances, but business is limited: spot, from 14s. 3d.; shipment, new crop, 14s. 9d. per lb., c.i.f.

IPECACUANHA.—The demand has been unimportant, but values are fully steady: Matto Grosso, B.P., test, spot, 8s. 3d.; shipment, if available, 7s. 9d. per cwt., c.i.f.

LAVENDER FLOWERS.—Spot supplies of new crop, good blue flowers, offering at about 130s. per cwt., ex store.

LYCOPODIUM.—Market steady, business quiet: spot, about 5s. per lb., ex store.

LIQUORICE ROOT.—Medium quality decorticated quoted at about 37s. 6d. per cwt. Natural root is valued at about 12s. 6d. per cwt., ex store.

LOBELIA HERB.—A quiet demand, with prices about maintained at 6½d. to 7d. per lb., as to quantity and seller.

MANNA.—Dealers quote small parcels of new crop finest selected at 3s. 6d. to 3s. 9d. per lb., in 1-lb. tins.

MENTHOL.—Most interest continues in spot and near afloat, and these positions are firm as quoted and in limited supply: K/S brands, spot, 14s.; in bond, 12s. 3d. to 12s. 4½d. Afloat, due to arrive in about four weeks, 13s. 9d., duty paid. Japanese shippers quote January, 10s. 6d., c.i.f., and January-March, 10s. 3d., c.i.f. On the market, August-September is offering at 12s. per lb., c.i.f.

MYRRH.—Market is firm on short supply. Fair Aden, native gum, £9 10s. per cwt., in bond, and good small peas, £4 10s. per cwt., in bond.

MERCURY.—The demand is reported to be quiet, with values steady: shipment quotation 65 dollars per bottle, f.o.b. Continent, spot; about £13 3s. to £13 3s. 6d. per bottle, ex store, as to quantity.

PEPPER.—Business has been quiet and values are barely maintained. Lampong, in bond, 2¾d.; shipment, October-December, 2½d.; January-March, 2 9/16d.; per lb., c.i.f. Tellicherry, spot, 4d.; shipment, October-December, 35s. 6d., c.i.f. Aleppy, spot, 4d.; shipment, October-December, 35s. 6d., c.i.f. White Muntok, in bond, 4¼d.; shipment, October-December, 4d.; January-March, 4 1/16d., c.i.f. London terminal market is dull. Black, December, 2¾d.; March, 2¾d.; May, 2 15/16d., sellers. White, December, 4 1/16d.; March, 4⅛d.; May, 4 3/16d. per lb.

PIMENTO.—Market is steady but quiet: spot, 8¼d. per lb.; shipment, November-December, 68s. per cwt., c.i.f.

RED ROSE PETALS.—Recent arrival of new crop is offering at about 6s. 6d. per lb., ex store.

RHUBARB.—Business on spot has been quiet, but, with stocks very small, prices are firmly maintained. Shensi, 5s. 1½d. to 6s. per lb., as to condition and seller. Rough round, ordinary quality, 3s. per lb. Buyers appear to be holding off in view of the October shipment parcel, which is offering at 2s. 7½d. per lb., c.i.f., subject to safe arrival. At best, this parcel is not likely to arrive here much before the end of the year.

RUBBER.—The London market has been unsteady, with values at a sharp decline on the week: standard ribbed smoked sheet, spot, 7⅝d.; November, 7⅝d.; December, 7 11/16d.; January-March, 7 11/16d.; April-June, 7 13/16d.; July-September, 7⅞d. per lb.

SAFFRON.—Values are fully steady for genuine Valencia at 74s. to 76s. per lb., as to quantity, ex store.

SARSAPARILLA.—Practically no grey Jamaican available: native mixed, 1s. 1d. to 1s. 2d. per lb., ex store.

SEEDS.—ANISE.—Spot, duty paid, Spanish, 60s.; Bulgarian, 40s.; Syrian, 37s. 6d. CANARY.—The latest prices quoted, duty paid, are: Mazagan, 20s. 9d.; Turkish, 18s. 6d.; Plate, 19s.; and Spanish, 30s. to 45s. CARAWAY.—Dutch, on spot, are firm at 35s., duty paid. CORIANDER.—Morocco, spot, 27s., duty paid, and 25s, in bond. For shipment, 23s. 6d., c.i.f., quoted. CUMIN.—Spot, Malta, 46s., duty free, and Morocco, 45s., duty paid. DILL.—Indian on spot is 22s. 6d. FENNEL.—Indian, 30s., and Persian, 25s. FENUGREEK.—Morocco, 13s. 6d., spot, duty paid. MUSTARD.—English, 22s. to 31s., according to quality.

SENEGA.—Market is steadier: on spot, 2s. 2d. to 2s. 3d. is asked, according to seller. More shipment inquiry, with bids of 2s., c.i.f., countered with offers at 2s. 1d. per lb., c.i.f.

SENNA.—Market continues steady at former values. Tinnevelly leaves: Fair green quality continues unchanged and offers on the spot as follows: bold, at 6½d.; No. 1, at 5½d.; No. 2, at 3¾d.; No. 3, at 2¾d.; No. 4, at 2¼d. per lb. Tinnevelly hand-picked pods are available at 3¾d. to 5d. per lb., according to quality. Manufacturing Tinnevelly pods are now in small supply on the spot at about 2¾d. per lb., ex wharf, London. Alexandrian hand-picked pods: spot supplies of best selected are becoming very low, and no further supplies can be expected until the new crop about the early part of next year. Spot quotations are as follows: Finest selected, at 5s. to 5s. 3d.; No. 1, at 3s. 6d. to 4s.; No. 2, at 2s. 3d. to 2s. 9d.; No. 3, at 1s. 6d. to 2s. per lb., with low grades available at 1s. to 1s. 3d. per lb., ex wharf, London.

"The Indian Trade Journal" of September 23, publishes the following final report on the senna crop in the Madras Presidency for 1936–37. "The area sown with the senna crop in 1936–37 in the districts of Ramnad and Tinnevelly is estimated at 9,500 acres (1,200 acres in Ramnad and 8,300 acres in Tinnevelly), as against 8,000 acres (1,200 acres in Ramnad and 6,800 acres in Tinnevelly) estimated for the previous year. In the Ramnad district, the crop was affected by drought and the yield is expected to be only 80 per cent. of the normal. In the Tinnevelly district, the yield is expected to be normal for wet crop and 90 per cent. of the normal for dry crop. On this basis, the yield is estimated at 3,320 tons of senna leaves (350 tons in Ramnad and 2,970 tons in Tinnevelly) and 530 tons of senna pods (55 tons in Ramnad and 475 tons in Tinnevelly), as against 2,960 tons of senna leaves (280 tons in Ramnad and 2,680 tons in Tinnevelly) and 480 tons of senna pods (50 tons in Ramnad and 430 tons in Tinnevelly) estimated for the previous year."

SHELLAC.—Values slightly easier on the week, market dull: spot, standard TN orange, 45s. to 48s.; fine orange, 60s. to 102s. 6d.; pure button, 55s. to 60s. per cwt. For delivery, TN, October, 43s.; December, 43s. 6d.; March, 45s. 6d. For arrival, TN, October-November, 44s. per cwt., c.i.f.

SQUILL.—Dealers are quoting fair white at about 27s. 6d. per cwt., ex store.

STRAMONIUM.—Supplies are moving slowly, with the price for fair quantities about 35s. per cwt., ex store.

TRAGACANTH.—Medium grades of white gum continue in demand, and supplies of these descriptions are none too plentiful: quoted from £35 to £60 per cwt., as to quality. There has been rather more inquiry for textile grades, with prices steady.

TURMERIC.—Shipment price for Madras finger is 26s. per cwt., c.i.f.; spot, nominal at 30s. Rather wormy Rajapore, on spot, 27s. 6d. to 29s. per cwt.

WAXES.—BEES'.—A fair business passing on spot and for near positions: Calcutta, bleached spot, 145s.; shipment, October-November, 140s.; ordinary quality, spot, 118s.; shipment, October-November, 115s., c.i.f. Benguella, spot, 120s.; shipment, October-November, 108s., c.i.f. Conakry, spot, 118s.; shipment, 112s., c.i.f. Dar-es-Salaam, spot, 125s.; shipment, October-November, 118s. per cwt., c.i.f. CARNAUBA.—Inquiry for near positions on a fair scale. Fatty grey, spot, 170s.; shipment, afloat, 165s., c.i.f.; November-December, new crop, 152s. 6d., c.i.f. Chalky grey, spot, 167s. 6d.; shipment, 155s., c.i.f. Primeira, spot, good quality, 220s.; f.a.q., 215s.; shipment, November-December, 190s., c.i.f. Mediana, spot, 210s.; shipment, 195s., c.i.f.

Essential Oils, etc.

A FAIR business is reported in a number of lines, while others remain dull. Anise (Star) is firm. Sicilian hand-pressed lemon is quiet and irregular. Japanese peppermint is firm on spot and rather easier for distant shipment positions.

ALMOND.—Quiet business, market about steady. Foreign, cwt. lots, 2s. 9d.; smaller parcels, up to 3s. per lb. English oil at about competitive prices. French bitter, 6s. to 6s. 1½d. per lb.

ANISE (STAR).—The demand has been quiet on spot this week, but the limited amount of oil in tins is firmly held at 5s. 6d. per lb. A parcel of drums now afloat in s.s. "Ajax," a few of which are still available with the owner's idea of price 4s. 10½d. per lb., c.i.f. A bid of 4s. 7d., c.i.f., reported refused.

BERGAMOT.—The shipment market is idle, with practically no offers for this market at the moment; nominally unchanged at 15s. 4½d. per lb., c.i.f. On spot, for a genuine oil of good quality at least 15s. 6d. is required for a quantity; business, however, is negligible. Editorial comment on p. 488.

BOIS DE ROSE.—This market is fully steady on spot, with supplies limited: Brazilian, in drums, 6s. 2d. per lb.; smaller packings up to 6s. 6d. per lb., ex store.

CAJUPUT.—Market continues steady. B.P., 2s. 9d. to 3s. per lb., as to quantity; shipment, 2s. 4d. per lb., c.i.f.

CARAWAY.—Quoted unchanged, inquiry slow: Dutch rectified, 7s. 9d.; crude, 7s. 4d. per lb., landed, duty paid.

CASSIA.—Business is reported to have been very quiet this last week; spot holders of good quality oil firm at 3s. 7½d. in leads.

There may be some inferior oil at about 3s. 5d. per lb. No shipment offers.

CEDARWOOD.—Business has remained dull, values unchanged: African, in drums, 1s.; smaller packages, up to 1s. 3d. per lb. American, in drums, 1s.; smaller packages, up to 1s. 3d. per lb.

CINNAMON LEAF.—Ceylon oil on spot is valued at 3s. 4½d. for drums up to 3s. 9d. per lb. for small repacked lots. A fair amount of small business.

CITRONELLA.—Business in these oils is still slow so far as this market is concerned. Values nominally unchanged: Ceylon, spot, drums, 1s. 10d.; smaller parcels, up to 2s.; shipment, drums, 1s. 6¾d. per lb., c.i.f. Java, spot, drums, 2s. 4d. to 2s. 5d.; smaller parcels, up to 2s. 7½d.; shipment, drums, 1s. 11¼d. per lb., c.i.f.

GERANIUM.—There have been a few shipment offers this week: Bourbon, spot, 15s. to 15s. 6d.; shipment, 14s. 3d., c.i.f. Algerian, spot, 14s. 9d. to 15s. 3d. per lb.

HO (SHIU).—A shipment offer of "extra" quality oil in drums, November shipment, from the source at 3s. 11½d. per lb., c.i.f. On spot, "improved" quality in limited supply and quoted at about 4s. per lb., ex store, in drums.

JUNIPER BERRY.—Dealers' prices for small quantities on spot range from 3s. 5d. to 4s. per lb., as to quality.

LAVENDER.—Business in this market in new crop oil has been quiet this week with a good quality 38 to 40 per cent. product quoted in the region of 16s. 6d. per lb., landed. Some demand for lavandin and the price is fully steady at 8s. to 8s. 6d. per lb., as to quality, landed.

LEMON.—Conditions, according to reports, in the shipment market for the coming new crop oil are very irregular. Claims are being made that extremely low prices have been quoted and business done in some quarters, but there is no evidence that these low values are not of a speculative character. Business is reported to be still quiet at the source, but it would probably be found difficult to place an order for a good brand of oil at less than 9s., c.i.f. Despite the present irregularity in quoted values and the dull state of the shipment market the reports from the source indicate that really good quality genuine hand-pressed oil will not be affected, so far as new crop prices are concerned. Californian distilled, regular quality, 6s. 4d., per lb., ex wharf.

LEMONGRASS.—The shipment market has remained very dull with the last quotation for prompt about 1s. 6½d. per lb., c.i.f., and 1s. 7d., c.i.f., for January. On spot, 1s. 8d. to 1s. 11d. per lb., as to quantity.

MANDARIN.—Market dull, quoted unchanged: spot, 23s. to 24s. 6d.; shipment, about 23s. 6d. per lb., c.i.f.

MUSK.—One or two caddies of Tonquin pods available in London; the price asked is 54s. per oz.

NEROLI.—Occasional inquiry for new crop oil, with perfumers' quality 27s. 6d. to 30s. per oz.; other grades range from 18s. to 24s. per oz., ex store.

NUTMEG.—Moderate amount of small business with American and Dutch oil quoted at about 5s. 9d. to 6s. per lb., as to quantity.

ORANGE.—No offers yet of new crop French Guinea oil for shipment. There are a few drums of last season's oil on spot for which 5s. 3d. per lb. is wanted; some old oil at cheaper prices. Tanganyika bitter oil, in drums, 8s. per lb., ex store. Californian, small drums, 4s. 2½d.; tins in cases, 4s. 3½d.; single cases, 4s. 6d. per lb., ex store. Californian, hand-pressed, 5s. 6d. to 5s. 9d., duty paid; shipment, 5s. 1d. per lb., c.i.f., in bulk quantity.

PALMAROSA.—Market remains dull, with shipment offers still at 7s. 3d. per lb., c.i.f. Small spot supplies, 8s. per lb.

PATCHOULI.—Spot supplies of the Singapore oil are quoted at 15s. 3d. to 15s. 6d. and Seychelles oil from 13s. to 13s. 3d. per lb., ex store.

PEPPERMINT.—A good spot demand for the Japanese oil continues with values fully steady at 5s. 1½d. to 5s. 3d. per lb., as to brand and seller. Oil afloat, due to arrive in about four weeks, 5s., landed. Several orders sent out to the source for October-December shipment countered with offers of December-January at 4s. 1½d., c.i.f. January-March position is easier at 4s., c.i.f., with re-sellers quoting 3s. 11d. per lb., c.i.f. Rather dull and unsteady conditions continue in the American oil with natural in drums quoted from 2 dollars 15 to 35 cents per lb., c.i.f., as to brand.

PETITGRAIN.—One or two lots of cheap oil are reported, but quotations from the usual sources are steady: spot, 4s. 2d. in cases; smaller packings, up to 4s. 6d.; shipment, 4s. 0½d. per lb., c.i.f.

ROSEMARY.—Dealers report a moderate spot demand with their prices for genuine Spanish oil steady at 3s. 8d. to 4s. 1½d. per lb., as to quantity and seller.

SPIKE.—Genuine fine quality Spanish oil continues firm at 5s. 7½d. to 6s. per lb., as to quantity. Lower grade oils at cheaper prices. No shipment offers.

VETIVERT.—This market is neglected: spot, Bourbon, about 24s. per lb., ex store.

WORMSEED.—Small trade: U.S.P. quality oil, spot, 11s. 8d. to 12s., as to quantity; shipment, 11s. 3d. per lb., c.i.f.

Commercial Notes

JAMAICAN ANNATTO SEED EXPORTS.—Shipments and chief destinations were as follows during 1936:—

Country of destination	lb.	£	Country of destination	lb.	£
United States	330,603	3,698	Germany	41,963	445
Denmark	182 875	1,923	Great Britain ...	41 373	515
Netherlands	136,901	1,617	Others	38,658	431
New Zealand	90,600	906			
			Total	862,973	9,535

DUTCH IMPORTS OF CINCHONA BARK.—With the exceptions of small quantities shipped from Bolivia, imports are consigned from the Dutch East Indies.

Year	Metric tons	Florins	Year	Metric tons	Florins
1932 ...	5,442	6,596,000	1936 ...	6,691	6,596,000
1933 ...	3,900	4,313,000	Jan.–June		
1934 ...	6,399	6,144,000	1936 ...	3,885	3,919,000
1935 ...	4,691	4,328,000	1937 ...	3,828	3,799,000

CEYLON PRODUCE EXPORTS.—Shipments to all destinations for the period January-June 1936 and 1937 were as follows:—

Product	Jan.–June 1936	Jan.–June 1937
Areca nuts	Cwt. 50,200	26,400
	Rs. 528,000	322,000
Cinnamon	Cwt. 18,400	22,200
(quills and chips)	Rs. 596,000	841,000
Cinnamon oil	Oz. 1,359,000	2,040,000
	Rs. 164,000	312,000
Citronella oil	Lb. 605,000	753,000
	Rs. 221,000	677,000
Coconut (desiccated)	Cwt. 288,000	266,000
	Rs. 3,360,000	3,572,000
Coconut oil	Cwt. 291,000	591,000
	Rs. 4,054,000	10,394,000
Plumbago	Cwt. 121,000	170,000
	Rs. 739,000	1,006

INDIAN PHARMACEUTICAL PRODUCTS IMPORTS.—Arrivals of medicinal products for the two years ended March 31, 1936 and 1937, were valued as follows:—

Product	Year ended March 31 1936	Year ended March 31 1937
	Rs.	Rs.
Camphor	2,241,510	2,124,856
Proprietary and patent medicines:—		
From United Kingdom...	2,607,868	2,941,263
Germany	1,590,618	1,789,872
United States	1,256,724	1,173,629
Other countries	965,459	890,720
Total	6,420,669	6,795,484
Quinine salts	2,617,842	2,313,011
Other sorts	9,071,493	9,067,147
Total	21,116,538	20,695,509

MALAYAN DERRIS INDUSTRY.—The acreage under derris in Malaya increased from 6,439 acres in 1935 to 11,366 in 1936. Distribution of plantings was as follows:—

	Acres		Acres
Federated Malay States:—		Unfederated Malay States:—	
Perak	1,678	Johore	6,333
Selangor	233	Kedah	7
Negri Sembilan	275	Trengganu	50
Pahang	1,387		
Straits Settlements:—			
Singapore Island	1,350		
Malacca	53	Total	11,366

Exports of derris root from Malaya during 1936 totalled 687 long tons.

Correspondence

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

British Pharmaceutical Conference

SIR,—Last week was held what is probably almost the last meeting of the Liverpool Conference Committee, and the Liverpool meeting of the British Pharmaceutical Conference is now only a memory, I am sure a happy one, both to us in Liverpool and our visitors. Such an occasion seems to be timely to express on behalf of the Liverpool Chemists' Association and the Liverpool and District Branch of the Pharmaceutical Society, which was responsible for the invitation to the Conference, our very deep appreciation of the immense amount of work done by the officers and members of the Executive Committee, the officers and members of the various sub-committees, the ladies' committee, the stewards, and all others who helped in any way to make the Conference such a success. It would seem invidious to mention names, but I am sure that everybody will agree that our very special thanks are due to the executive officers, the chairman (Mr. H. Humphreys Jones), the vice-chairman (Mr. J. L. Hirst), the secretary (Mr. W. E. Humphreys), and the treasurer (Mr. Martin S. Hughes), also to the chairman of the entertainments committee (Mr. F. A. Lawman), and the secretary (Mr. B. Hale).—Yours, etc.,

JOHN RAE,
President, Liverpool Chemists' Association.

Wavertree, Liverpool.

SIR,—Although at the last meeting the Liverpool Local Committee decided to abandon the idea of an official reunion dinner, a few of the gallant body of stewards who did so much to help the entertainments committee during Conference week have decided to organise the function on their own initiative to celebrate the conclusion of a very happy Conference and to enable all who so desire it to renew Conference contacts, and to enhance new as well as to cement old friendships. This will be held at the Adelphi Hotel, Liverpool, on November 10, at 8.0 for 8.30 p.m.—for men only. Tickets, 10s. 6d. each, may be obtained from Mr. Frank Naylor, 15 Osborne Road, Ainsdale, Southport ; Mr. Fred. Bartlett, 170 Queen's Drive, Liverpool, 18 ; Mr. A. Bradley Dixon, "Kingswood," Salford Road, Ainsdale, Southport. An excellent "Old English" dinner and a good evening are assured. This function will be supported by the chairman, president and chief officers of the Liverpool Conference Committee and the council of the Liverpool Chemists' Association. I feel I owe it to our stewards and their splendid and most helpful co-operation during the memorable Conference week in July to ask for the support of all who are interested.—Yours sincerely,

W. E. HUMPHREYS.

38 Allerton Road,
Liverpool, 18.

Pharmacy and the General Public

SIR,—Professor J. H. Burn, in his report as Dean of the Bloomsbury Square School of Pharmacy, says (*C. & D.*, October 9, p. 415): "What matters to pharmacy is not what pharmacists think, but what the general public, including Government departments, scientific societies, and professional bodies, think." . . . How would he like to hear, as I have heard from informed authority, that the work of the pharmacological laboratories was a subject for mirth on the part of various research societies, probably some of the societies he cites as members of the general public? . . . When the full significance of the 1933 Act, coupled with the expense of the Brunswick Square scheme, becomes apparent, pharmacy will be staggered at the morass in which it has placed its feet. We need to be informed of and to agree upon measures in which we are concerned, not to be made subject to counsels whispered *in camera*. We require officials who keep closer to and work for the craft, who will represent our members, and not so much themselves, when negotiating with Government departments and scientific bodies. These also are the things which matter to pharmacy.—Yours faithfully,

S. C. BLORE.

Birmingham, 11.

Yeast in Diabetes

SIR,—In your issue of October 9 "Observer" invites observations on the value of yeast in diabetes. I have unhappily been interested in the treatment of this complaint for some eight years, in the course of which I have been the subject of, and in a position to observe, many experiments in its treatment, both medically and dietetically. While I have never heard of any benefit resulting from yeast as to the disease itself, it is well known that certain symptoms, e.g., skin affections in association, can be remedied thereby. Of the dosage or form I have no knowledge. Marmite, a preparation of vegetable yeast, is, however, reckoned to be of undoubted benefit dietetically to sufferers from diabetes ; but here, of course, only in maintaining a standard of health despite the trouble, and not in removing it. I should be pleased to learn the dosage and form of yeast that evidently proved of advantage in the case mentioned by your correspondent, so that I can make a limited investigation. But I reserve the opinion that fluctuations in the doses of insulin required are normal, and, without any apparent cause, more or less insulin is required from time to time.—I am, etc.,

50 + 50 RETARD (19/10).

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics

Woad

This year I have a very fine sample of seed of this plant, and I will be pleased to send a sample to any chemist or botanical institution that applies for a packet.—*C. Wass*, Holbeach.

Illustrations of Medicinal Plants

The seventeenth series of coloured illustrations of medicinal plants of France (*C. & D.*, October 2, p. 400) sells at 5 fr. 35 c., post paid to this country ; 75 fr. is the price of one bound volume, postage 5 fr.—*Duncan S. Napier*, Edinburgh.

"Respectable Chemists"

I was surprised and amused the other day when I read the following resolution in a recent book on poison law: "That for the purpose of protecting the permanent interests, and increasing the respectability of chemists and druggists, an Association be now formed under the title of the Pharmaceutical Society of Great Britain." This is the wording of William Allen's resolution at the historic meeting at the Crown and Anchor Tavern, London, in 1841.—*Caerodor* (19/10).

The word "respectable," if still in use in the sense quoted in your issue of October 2 (p. 381), is an archaism. As there used, its meaning lies between sense 3 (b) and sense 4 in the Oxford English Dictionary. The former is "Used as commendatory epithet" (e.g., "I am now on a visit to my respectable friend, Mr. Rye," dated 1804); and the latter is "Of good or fair social standing, and having the moral qualities naturally appropriate to this" (e.g., "Visitors so respectable as the Lord Chief Justice Mansfield," dated 1806). Such phrases as "a large and respectable audience" were at one time commonly found in newspapers.—*A. E.* (20/10).

A Tribute

On my return from holiday I learned of the death at the early age of forty-nine of my old friend Muriel Bolton of Hull. Our friendship dated from our student days at the Square. She was a woman of great personality, with a quiet yet confident manner. She was always ready to shoulder responsibility and help others. Most of her leisure was spent in the interests of pharmacy. Although she had many home ties, Hull pharmacists know how much time and energy she gave to the betterment of pharmacy in that city, her particular interest being educational work among the students. Though she had ambition and ability, she chose to return to her home town and use her talent there. I have lost a valued friend, and pharmacy a woman who, esteeming her calling highly, gave ungrudging service.—*Henrietta E. Skinner*, London, N.2.

Miscellaneous Inquiries

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

J. M. (India).—Books on chocolate manufacture.—The following are the chief books on this subject:—Bywaters' "Modern Methods of Cocoa and Chocolate Manufacture" (Churchill, 1930, 21s.); Knapp's "The Cocoa and Chocolate Industry" (Pitman, 1930, 7s. 6d.); Whymper's "Cocoa and Chocolate, etc." (Churchill, 42s.).

C. & C. (19/9).—Antiseptics with ti-tree oil.—Ti-tree oil is chiefly obtained from the Australian tree *Melaleuca alternifolia* (see *C. & D.*, 1936, 1, 138). The oil from *M. Linarifolia* is similar, but has a higher cineol content and a smaller ester number. Ti-tree oil has a s.g. of 0.895—0.905 and contains cineol (less than 10 per cent.). It is highly germicidal, yet non-irritant and non-toxic, and has a R.-W. co-efficient of about 11. The following formulas are for non-poisonous antiseptics which are miscible with water. They may be made more aromatic with essential oils if desired for mouthwashes, gargles and so forth:—

I

Ti-tree oil	4
p-chlor-*m*-xylenol	2
Alcohol	12
Ricinoleic acid	6
Triethanolamine	6
Distilled water	70

Mix the acid and triethanolamine and a trace of water very intimately. Dissolve the ti-tree oil and xylenol in the alcohol and mix into the soap solution thoroughly. Dilute gradually with the water.

For a mouth-wash, douche, etc., use ½-1 per cent. of the above in water; as a room spray and general disinfectant, use 1-3 per cent.; for cuts, abrasions, use about 5 per cent.

II

Sulphonated castor oil	6
Ti-tree oil	0·5–1
Distilled water	3·5 or more
Alcohol	1

The two oils are mixed, the alcohol added and the whole gradually diluted with the requisite quantity of water. The second formula yields a product which is milky on dilution with water and which is suitable for general antisepsis and disinfection.

G. C. S. (11/9).—Use of branded bottles for other liquids.—The law in regard to such cases has never been very clearly laid down. It has been held that the supplying of substances with a marked odour in such bottles, e.g., paraffin oil, is not an offence, though it would not be legitimate to put the products of one maker of a preparation into the marked bottle of another maker. It is not part of a chemist's duty to determine whether or not the bottle is the property of a company, but as a matter of courtesy chemists naturally refrain from using aerated water or beer bottles for liquids having a marked odour or taste.

F. J. J. (19/9).—Dandruff preparation.—A somewhat similar product could be made on the following lines:—

Olive oil	120 min.
Liq. picis carb.	40 min.
Saponin	½ gr.
Alcohol	60 min.
Glycerin	80 min.
Distilled water	200 min.

The saponin is dissolved in a little water, the alcohol and glycerin added, followed by the liq. picis carb. Mix, add the olive oil and the water gradually. Shake well. Other possible additions to the above formula are tr. canthar. and mercuric chloride in appropriate proportions.

S. G. R. (18/9).—Iron stains on asphalt.—Try a dilute solution of hydrochloric acid, followed by an infusion of tea. Then wash with water.

H. W. H. (1/9).—Rice polishings.—In order to obtain the B vitamin from rice polishings, the usual way is to extract the polishings with water acidified to a *p*H of 4.5 with dilute sulphuric acid. Fullers' earth is then added, and after several hours the vitamin, which is absorbed on the earth, may be removed and dried.

J. O. B. (18/9).—Curds in calves.—In calves curds may occur during the first week, if the calf is deprived of the colostrum or fed at too long an interval. After the first week it may be due to (1) too copious meals, (2) not feeding lukewarm, or not frequently enough, (3) improper food, such as separated milk, which being deprived of its cream, needs cod-liver oil or other substitute for the fat removed. As lambs are seldom hand reared, the above will not apply, and the ewe should be examined for any ill-health. For calves one can give:—

I

Liq. calc. sacch.	2 oz.

Mixed in the milk once or twice daily.

II

Sod. citrat., Sod. chlorid., Sod. bicarb.	aa. ʒss.

Mix one powder with each feed.

If the calf is delicate, then

Liq. seripar	2 oz.
Vin xerici	½ oz.

mixed with each feed, or it may be dispensed in powder form by using rennel powder or tablets mixed with some sod. chlorid. and sod. bicarb. For lambs, the dose must depend on age.

J. D. (18/9).—Deodorised valerian tincture.—There has been some controversy about the value of deodorised tincture of valerian, and it has been stated that such a preparation cannot be made from the dry root. Fresh root immersed immediately in alcohol has been used, but the medicinal effect is considered negligible. Stabilised tinctures are the subject of a monograph in "Pharmaceutical Formulas," Volume I.

B. C. C. (12/98).—Wood-worm.—A suitable preparation for treating your customer's chairs is as follows:—

Ortho-dichlorbenzene	91 parts
Castile soap	7 parts
Cedarwood oil	2 parts

This mixture does not discolour even light-coloured wood: it is not highly inflammable nor dangerous to use, and its odour is not objectionable. All wood before treatment must be thoroughly dusted and the insecticide carefully applied, particular care being taken that no crevices or joints are overlooked. Other recipes are given in "Pharmaceutical Formulas."

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," October 22, 1887

Spectroscopy

Gustav Robert Kirchhoff, whose brilliant discovery of the significance of the shadows of the spectrum has done more for science than any other discovery of this century, died on Monday somewhat suddenly, although for some years back he has been in delicate health. Professor Kirchhoff was born at Königsberg in 1824, and had, therefore, only reached his sixty-third year. . . . It was in 1814 that Fraunhöfer studied and carefully mapped the dark lines in the solar spectrum which have since been called by his name, and what Kirchhoff did was to show these lines are a nature-given index—a tabulated and true statement of the constituent elements of the sun. Upon this discovery is founded that system of analysis which has led to the greatest strides in astronomical science since ancient times, and to the most searching analytical process available to the chemist. . . . The firstfruits of spectrum analysis were the discovery of the metals rubidium and cæsium in 1860-61 by Bunsen and Kirchhoff; Crookes followed with the new metal thallium, and indium, with several other elements have since been added to the number of the elementary constituents of the earth's crust, the latest being germanium, discovered by Dr. Carl Winkler within the past two years.

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(d) Bonus of 1 dozen 25 x 5 gr. on mixed orders for 12, 25 or 100 x 5 gr. to total net value of 48/-.

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Mixed parcel including 100's	24/-	39/-	
Profit on shilling size 4.6d			
6 doz. 12's	24/-	42/-	42.8%
6 doz. 25's	48/-	84/-	
Mixed parcel including 100's	48/-	84/-	
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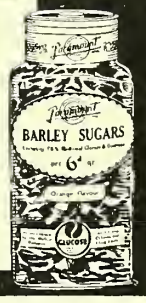

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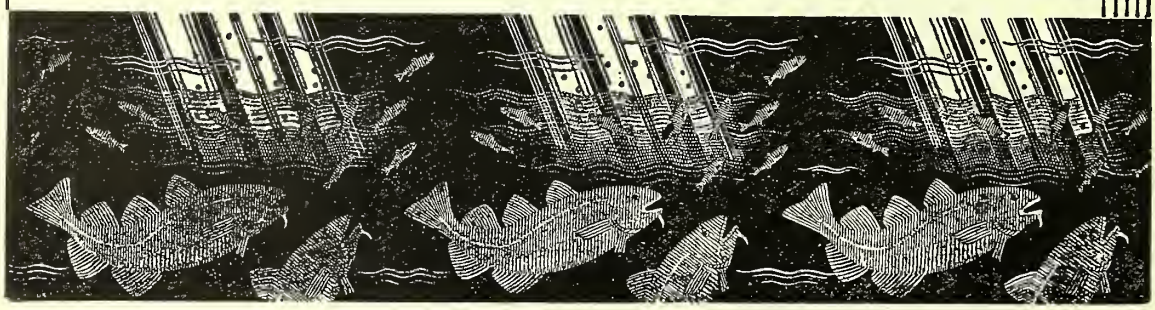

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WILSON & MANSFIELD, Ltd.

'Phone : MANSION HOUSE 9264-5-6
'Grams : WYFIELD, LONDON

WHOLESALE ONLY

The "*No risk*" line

DOANS

Backache Kidney Pills BRAND

Made in Gt. Britain

Buy on Best Terms

Retail P.A.T.A.	50/- Orders *per doz.*	£5 Orders *per doz.*
1/3	11/3	10/6
3/-	27/-	25/3
5/-	45/-	42/-

Carriage paid. Packing free.

Strictly nett. Monthly A/c.

(assorted with Doans brand Ointment, Bilax or Mentex as desired).

New Style The two smaller sizes of Doans Pills are now packed in cartons uniformly with the 5/- size.

Counter wrappers, booklets and showcards willingly sent at your request.

Foster-McClellan Co.

(Inc. in U.S.A. with Limited Liability)

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CASTOR PREMIER OIL

Tasteless
Water-White

Made in England by

THE PREMIER OIL EXTRACTING MILLS
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Telegrams: "Premier, Hull" Telephone: 15191 (8 lines)

EXTENSIVE PROPAGANDA TO THE MEDICAL PROFESSION WILL BRING YOU ORDERS AND ENQUIRIES FOR THE FOLLOWING PRODUCTS

Ether Soluble Tar Paste —E.S.T.P. Martindale

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Be sure you have stocks available

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For you...

to help you sell more

BRAND'S ESSENCE

Here is the latest Brand's Essence display piece—an extremely striking cut-out made by the most up-to-date colour photography process. Other new additions to the practical Brand's Essence display material are the showcards reproduced here. There is also a set of four carton crowners as last year.

Everyone passing your shop or buying at your counter who has a friend or relative ill is a probable buyer of Brand's Essence. All that is needed is a reminder. Keep this Brand's display material always well to the fore and it will make you many a sale that you might otherwise miss.

Ask for the new colour photo cut-out, showcards, dummy carton in any quantity in which you can use them.

Send this form for these **FREE** *sales-makers*

TO BRAND & CO. LTD., MAYFAIR WORKS, VAUXHALL, LONDON, S.W.8

Please send me, carriage paid:

..... new Brand's Essence cut-outs
..... new Brand's Essence showcards
..... sets of crowners for new Brand's cartons
..... empty cartons for display purposes

Also please forward me, carriage paid, in the new cartons and display containers:

BRAND'S ESSENCE OF BEEF (2/6 Tins).....dozen
BRAND'S ESSENCE OF BEEF (2/9 Bottles) .....dozen
BRAND'S ESSENCE OF CHICKEN (2/9 Tins).....dozen
BRAND'S ESSENCE OF CHICKEN (3/- Bottles) .....dozen

NAME .....

ADDRESS .....

A MESSAGE TO CHEMISTS IN LANCASHIRE AND THE MIDLANDS!

For over 70 years Jackson's Febrifuge has had a growing sale in Lancashire. Now we are boosting it with advertising throughout Lancashire and the Midlands. Its popularity is growing by leaps and bounds! It is one of the finest, purest and most efficacious patent medicines ever marketed; its demand has increased solely through constant recommendation! Give it a trial. It will not stay on your shelves. Recommend it and gain the thanks of your customers and good profits for yourself. It is backed by a lively concern, who support you by constant advertising, and literature and showcards on request.

JACKSON'S FEBRIFUGE

for Quick Sales and GOOD PROFITS

JACKSON'S FEBRIFUGE 1/3, 3/- & 5/- BONUS SCHEME IN OPERATION

Also other famous specialities
DRAWING OINTMENT, CAMODENE SOAP & OINTMENT, PINE DISINFECTANT

Geo. Jackson & Son Ltd., Harpurhey, Manchester

EMBOSSED SEALS, LABELS AND PRICING TICKETS

JAMES TOWNSEND AND SONS EXETER

London Office: 29, Farringdon Street, E.C. 4.

WE'RE TELLING THE PUBLIC...

COD LIVER OIL

is the only liver oil recommended by the

MINISTRY OF HEALTH

SEVENSEAS
COD LIVER OIL

GENERATIONS of wise mothers and doctors have proved the value of Cod Liver Oil as a builder of health. That is why authorities prefer it to all other liver oils. Its only objection has been to its taste. Now we have got over that objection in "SevenSeaS" Cod Liver Oil. We have produced a palatable Cod Liver Oil and in high potency form *for the first time*. And at a price all your customers can afford.

Trade terms of 33⅓%, the inclusion of "SevenSeaS" both on the Chemists' Friends List and the P.A.T.A. Protected List and attractive bonus parcels add the final reason why no chemist can afford to overlook "SevenSeaS" Cod Liver Oil.

★*"SevenSeaS" 'HIGH POTENCY' is guaranteed to be pure cod liver oil to which nothing has been added, and which has not been treated in any way to increase the natural potency of the original oil.*

Special Bonus Parcels
There are Bonus Parcels of varying sizes to suit all requirements. Each one offers you a 50% PROFIT. Write for full particulars to the address below.

RETAIL PRICES:

HIGH POTENCY OIL	*(only 5 drops necessary)*	1/3 *bottle*
HIGH POTENCY CAPSULES	*(25 capsules)*	1/6 *bottle*
,, ,, ,,	*(50 capsules)*	2/9 *bottle*
,, ,, ,,	*(100 capsules)*	5/- *bottle*
"B.P." STANDARD OIL	-	10d & 1/3 *bottle*

BRITISH COD LIVER OIL PRODUCERS (HULL) LTD., ST. ANDREW'S DOCK, HULL, ENGLAND

NOTHING EVER REACHES FINALITY

Who would have thought of inventing an all-glass Throat Brush?

ALL GLASS, SEALED BOTH ENDS

A NEAT TELLING SHOWCARD
Supplied with every dozen

Camel hair 3/6 Squirrel 4/6 dozen

Special terms to Wholesalers

M. J. FECHER Ltd.
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ZINC OXIDE and RUBBER ADHESIVE PLAISTER ON SPOOLS

POROUS PLAISTERS. ELASTIC PLAISTER BANDAGES

ANTISEPTIC PLAISTER DRESSINGS, "CROCUS" CORN COMFORT, Etc.

Elastoplast
TRADE MARK BRAND

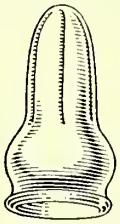
BANDAGES & DRESSINGS

Prescribed by the Medical Profession

T. J. SMITH & NEPHEW, LTD. NEPTUNE ST., HULL

HYGIENIC TEATS
TWO POPULAR PATTERNS —AT KEEN PRICES

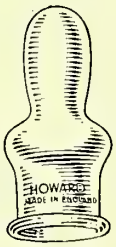
1 gross sent post paid on receipt of cheque or P.O.



No. AH
12/- gross
Packed Counter Showboxes

THOMAS SWALES
ST. STEPHEN'S ROAD
LEEDS, 9

"SWALES for SUNDRIES"



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COTTON WOOL . . .

Qualities for all purposes. Coloured for Bacteriological work. Non-Absorbent. Medicated, etc.

ABSORBENT LINT. Plain and Boric Lint, Medicated Lint, etc.

BANDAGES. White Open Wove, Grey, Flannel, Domette, Calico, Crepe, etc.

ABSORBENT GAUZE. Of all qualities, Plain and Medicated,

FIRST AID. First Aid Dressings, First Aid Cabinets, Sundries, Standard Dressings, etc.

- *Samples and Prices of any of our manufactures will be gladly supplied on request.*
- *Our manufactures can be inspected in the Medical Section of British Industries House.*

ROBERT BAILEY & SON LTD.,
SURGICAL DRESSING MANUFACTURERS

Dysart St., Great Moor, Stockport, Cheshire. *'Phone: Great Moor 3006 (2 lines) 'Grams: "Undisputed, Stockport"*

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Nearly a century's activity in a specialized field probably gives us a unique knowledge in regard to the designing and printing of labels for the chemists' own preparations. This experience is drawn on for your particular needs.

To balance age in experience we have youth in outlook and equipment. We know the tradition of the pharmaceutical profession and we are also fully alive to any individual questions of marketing policy.

CHEMISTS PRINTERS SINCE 1842

We shall be pleased to submit to you designs for labels for your own preparations. Write us fully without obligation. May we also quote you for Bags, Envelopes, Dispensing Labels, Wrapping Paper, Prescription Books, Handbills, Toothbrush Envelopes.

FORD, SHAPLAND & CO. LTD.

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"MOSANS"

Non-Greasy, Odourless

QUININE PESSARIES

15/- per dozen boxes

ORDER THROUGH ANY WHOLESALER
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Clinicals

The Choice of Experts

BRITISH MADE

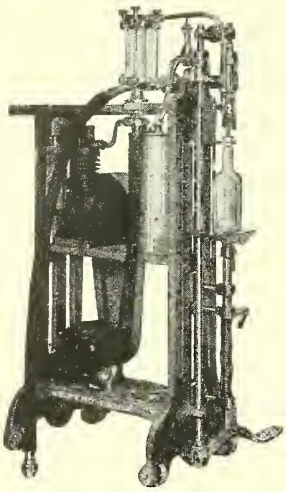
NO HIGHER IN PRICE THAN NONDESCRIPT MAKES

Also Household, Bath and Works Thermometers, the best of their kind

G. H. ZEAL LTD.
LOMBARD RD., MORDEN RD., LONDON, S.W.19
Phone: Liberty 2283-4-5

ROBERTS' PATENT

"LEO" VACUUM FILLER



for Glass, Stone, and Tin Bottles. Fills all sizes from drachm to quart—long, short or sprinkler neck.

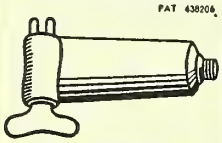
Clean and Rapid
No Over Filling
Broken Bottles Rejected
Easy to Clean
Self Rinsing

WRITE FOR PARTICULARS

Roberts' Patent Filling Machine Company Limited
33 Roundcroft Street, Bolton, Lancashire
Makers of every description of Bottle Filling and Shallow Jar and Tin Filling Machine for the Chemists' use
ALL RIGHTS RESERVED

BRITISH MADE
METAL SMALLWARES
of every description

ROLATUBE KEY
PAT 438206



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Can be used hundreds of times
Supplied stamped with your name and address as a permanent advertisement
Particulars on application
SEND FOR CATALOGUE

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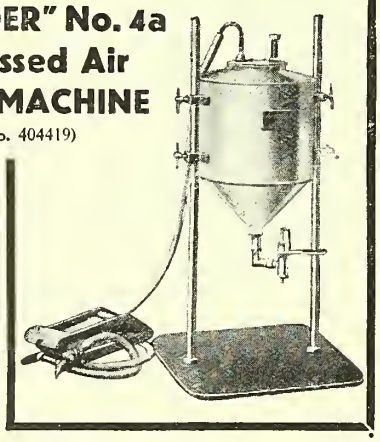
THE "LAUDER" No. 4a Compressed Air FILLING MACHINE
(Patent No. 404419)



We manufacture various types of smaller filling machines, and invite correspondence on your filling problems.

"*It pays for itself almost at once.*" It is used by all the leading manufacturing chemists, perfumers, etc., etc., at Home and Abroad. Is a really sound engineering job—not a toy—will give many years of trouble-free service, and fills almost any type of liquid into sprinkler neck or ordinary containers with maximum speed. Made in strong Stainless Steel in sizes of 2-gallon capacity upwards.

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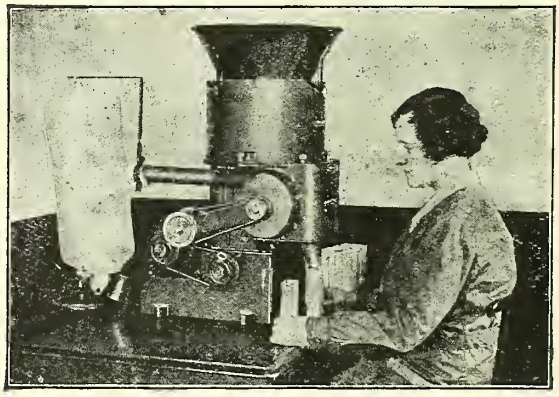
46 St. Martins Ave., LEEDS 7
Telephone: 43039 *Telegrams: LAUDER, LEEDS 43039*

JACKSON-CROCKATT
PATENT
FILLING MACHINES
FOR ALL POWDER MATERIALS



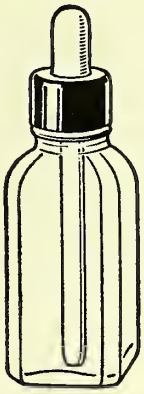
"MINOR" LOOSE-FILLING MACHINE
WITH DUST COLLECTOR
For Filling
Shampoo and Soap Powder, etc.
The fastest, cleanest and cheapest machine for filling small packets and envelopes
Self-Contained motor drive

J. G. JACKSON & CROCKATT Ltd.
ENGINEERS
DARNLEY STREET, GLASGOW, S.1

TOOGOOD'S

(NO. 6368)

DROPPING BOTTLES



ENGLISH MADE. *SUPER QUALITY.*

AMBER GLASS.

FITTED BROWN BAKELITE CAP,

BROWN TEAT AND GLASS TUBE.

SUPPLIED WITH OR WITHOUT BOXES.

FULL PARTICULARS FROM

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WE SUPPLY

DECORATED TINS

FOR PACKING

OINTMENTS

AND OTHER PRODUCTS

SAMPLES AND PRICES UPON REQUEST

THE CALDICOT TIN STAMPING WORKS LTD.

CALDICOT, Nr. CHEPSTOW, Mon.

Armstrong's

TAPER (A) CORKS

ARMSTRONG CORK CO. LTD.
KINGSBURY, LONDON, N.W.9.

There is going to be a big demand for

SOUTHALLS

"CELTEX" SOLUBLE SAN TOWELS

Single 1D *Cartons*

ALSO MAKERS OF "ORIGINAL" & "K" SAN TOWELS

COMPOSITION STOPPERS
BAKELITE MOULDINGS
COMPACTE COSMETIC & ROUGE BOXES

200 Varieties
Any Colour.

A suitable Composition Stopper will enhance the selling value of your package. Let us fit your Bottles and quote you.

W. J. SHARPLIN, Ltd. *Telephone: Mountview 3952*

Middle Lane Works, Hornsey, LONDON, N.8

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These reports emanate from the Motor Exhibition at Earls Court.

MORFI

also reports bigger and better continuous sales

Morfi products may be compared with the leading motor-cars of today. They are the outcome of many years of constant research and improvement. A similar contribution to final perfection is continually proceeding in the laboratories and factory of Herbert Fromm, thus ensuring the most up-to-date goods available.

Feature MORFI exclusively and share in the substantial profit which these lines carry.

Sole Morfi Distribution

HERBERT FROMM

29-31 OXFORD STREET, LONDON, W.1

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

OCTOBER 23, 1937

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for DISPOSAL, PREMISES TO LET and FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS for SALE and AGENCIES—**6/-** for **50** words; every additional **10** words or less, **6d.** (Box No., **1/-** extra.)

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LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announcements, **1/3** per nonpareil line (12 lines = 1 inch single column). (Box No., **1/-** extra.)

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REPLIES FROM ADVERTISERS—**1/-** per line; **3** lines **2/6.**

THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2

Telephone: Central 6565 (10 *lines*). *Telegrams: "Chemicus, Estrand, London."*

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All advertisements intended for insertion in this Supplement must reach us not later than **FIRST POST THURSDAY MORNING**

ORRIDGE & CO.

56 LUDGATE HILL, E.C.4

ESTABLISHED 1846 *Telephone Nos.: CITY 2283 & 7477*

May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—LONDON, NORTHERN HEIGHTS.—Old-established High-class Dispensing Business for sale; takings last year £2,260; net profit £456; shop 30 ft. by 40 ft.; handsome mahogany fixtures; vendor estimates stock and fixtures to be worth about £1,150; very nice living accommodation over; reasonable rental; price required for the goodwill about £400.

2.—SURREY (SUBURBAN).—High-class Business with Wine Licence; turnover between £3,000 and £4,000 per annum; impressive pharmacy; long lease; price £2,500 to include book debts.

3.—SOUTH LONDON.—Terrace Business situate in excellent position; takings over £40 per week, increasing; accountant's figures; new lease at low rental; sublets almost cover rental; stock worth about £500; price required £650 plus stock at valuation, or near offer.

4.—HENDON (NEAR).—High-class Retail and Dispensing Business; turnover £2,750 approximately; net profit under management £400 per annum; valuable long lease; price required £2,000.

5.—STRAND (NEAR).—City Business; takings well over £2,000 per annum; good profits; valuable lease; important position; inclusive purchase price required £750; exceptional opportunity.

6.—OXFORD STREET (NEAR).—Profitable Cash Business making a gross profit of about £17 per week; run under management, three in staff; attractive fixtures; rent £4 10s. per week, inclusive; price required for the fixtures, cash register, neon lighting, goodwill, etc., £410.

7.—LONDON, S.E.1.—General Retail Business must be sold forthwith; takings last year £1,245; gross profit £553; main road shop, well fitted and stocked; seven-roomed house over, which could be sublet; inclusive purchase price required £350.

8.—NUNHEAD.—Old-established Business, in present hands more than 50 years; scope for considerable increase; takings last year £712, of which figure over £200 was from panel; net profit about £5 per week; no photographic business conducted; stock worth about £100; living accommodation over; new lease, commencing at £65 per annum; further details upon application.

9.—TULSE HILL (NEAR).—Must be sold forthwith—General Retail Business making £300 per annum net profit; fixtures worth about £240; very nice living accommodation; long lease at reasonable rental; price £350 for lease, goodwill and fixtures, plus stock at valuation to suit a purchaser.

10.—HANTS (MARKET TOWN).—General Cash Retail Business with N.H.I. Dispensing; takings last year £734; net profit £195; comfortable living accommodation; rent 25s. per week; long lease; price required £350 all at.

11.—ESSEX.—Middle-class General Retail Business with Panel; takings approach £2,000 per annum; good profits; double-fronted shop; National Cash Register; stock and fixtures estimated to be worth nearly £900; modern flat over; rent £160 per annum; good lease; price required £1,050 all at, or near offer.

12.—LANCS. (MARKET TOWN).—High-class Business taking about £4,000 per annum; stock £1,250; valuable fixtures; nice living accommodation; price required for goodwill £750; worth immediate attention.

13.—KENSINGTON HIGH STREET (NEAR).—Ill-health necessitates immediate sale of Good Middle-class General Retail Business; established 45 years; takings last year £1,607; stock worth about £380; long lease; price required £650 all at, or £100 for the lease and goodwill, the stock and fixtures to be taken at valuation.

14.—STAFFS.—Old-established Business for sale, property must also be purchased; turnover last year approximately £3,000; gross profit £1,133; premises occupy commanding position; living accommodation over the shop; stock worth about £650; price required for goodwill £750 or near offer, the stock and fixtures to be taken at valuation; price of premises £1,750.

15.—DORSET.—Extreme ill-health necessitates immediate sale of Good-class Country Retail Business; takings last year £1,419; considerable scope exists; Vendor estimates the stock to be worth £900 and the fixtures £500, but in order to effect an immediate sale he is prepared to accept an inclusive price for the business of £1,000; living accommodation over; new lease; full particulars upon application.

16.—SURREY.—Very good-class Branch Business for sale; takings last year £2,357; gross profit £850; premises occupy good position on main shopping parade; stock £450; modern living accommodation; new lease; price required for the lease and goodwill £400.

17.—LANCS.—General Retail Business with Optical; takings last year £1,344; net profit about £400; stock and fixtures worth about £700; National Cash Register and Neon lighting; rent only £60 per annum; inclusive purchase price required £850 or near offer.

18.—SUSSEX.—Much neglected and old-established Business for immediate sale; turnover £1,200; scope for considerable increase; new lease will be granted; stock and fixtures worth £500; price £250 down and the balance by instalments.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

ERNEST J. GEORGE & Co.

Bank Chambers, 329 High Holborn, London, W.C.1
Telephone Nos.: Holborn 7406 & 7407 (2 lines)
County Bldgs., Bridge St., Walsall **Telephone: Walsall 3774**

Lancashire and Distriot Representative: Mr. E. BROWN, 21 Davenport Road, Hazel Grove, Stockport. Telephone: Great Moor 2405

Correspond nce, mutually confidential, is invited from prospective purchasers of the fol owing businesses at present available for purchase.

(C1) LONDON, N.W.—Middle-class; situated in main thoroughfare; turnover nearly £3,000, and steadily increasing; net profit £700; living accommodation; gennine reason for selling; price about £1,650.

(C2) EAST KENT.—Situated in rapidly developing district; returns £1,800; should definitely reach £2,500 shortly; living accommodation; stock and fixtures £700; price £1,050 or near offer.

(C3) BAYSWATER (NEAR). — Old-established, good-class; main road position; turnover £2,500–£2,750; net rent £90; excellent scope; price £1,500; alternatively half interest for £750.

(C4) BERKSHIRE (WHOLESALE). — Well-estahlished; turnover upwards of £6,000; net profit £450/£500; living accommodation on premises; stock and fixtures estimated at £1,250; price £2,000; near offer considered.

(C5) SUFFOLK.—Good-class business with excellent house; main road position, the value of which is likely to increase substantially; present returns upwards of £1,250; stock £500; price £850, or near offer.

(C6) CROYDON (NEAR).—Main road position; excellent scope; no Sunday or half-day duty; turnover about £1,550; living accommodation; stock and fixtures estimated at £750; price £1,075 or near offer.

(C7) LONDON, S.W.—Mixed business, comprising Grocery, Drug Department and sub-Post Office; turnover about £3,500; main road position; excellent scope; price £1,300 all-at.

(C8) HARROW (NEAR).—Main road; situated in growing district; turnover £2,092; gross profit £803; living accommodation; price £1,250 or near offer.

(C9) WALHAM GREEN (NEAR).—Well established with increasing turnover; returns for 1936, £1,262; gross profit £478; rent £58 per annum, including living accommodation; no Sunday duty; price £820 or near offer.

(C10) LONDON, E.C.—City Business; returns £2,150 and increasing; price £750 all-at.

(C11) WORCESTER PARK (NEAR).—Attractive modern Pharmacy with up-to-date flat; turnover £2,350; stock and fixtures £700; price £1,100 all-at; rapidly growing district.

(C12) RAYNES PARK.—Populous area; returns nearly £1,300; reasonable rental; living accommodation; price £800.

(C13) STOKE NEWINGTON.—Increasing turnover, now about £30 weekly; large house; low rental and price; good scope.

(C14) ENFIELD.—Attractive main road; up-to-date flat; good scope; returns £1,300; price £850 or offer.

(C15) LONDON, S.W.8.—Main road; turnover £1,380; rent £75; sub-let £58 10s.; price £625 or offer.

(C16) CUMBERLAND (GOOD BUSINESS TOWN).—Turnover nearly £1,500; well positioned; rent £65, living accommodation; first reasonable offer accepted, as quick sale desired.

(C17) NORWOOD (NEAR).—Main road, with living accommodation; turnover £1,260; gross profit £490; net £350; rent £90; price £360, S.A.V.; stock can be reduced to suit purchaser.

(C18) MANCHESTER.—Pharmacy with optical connexion; turnover £1,340; rent £60; living accommodation; reasonable price.

(C19) NORWOOD (DEATH VACANCY).—Drug Store situated in shopping street; excellent prospects; returns for last year, £1,046; living accommodation; rent £55; price £450 all-at; splendid opportunity.

(C20) WILTS (RETIREMENT VACANCY).—Family business with large house; very low overheads; under present ownership for past 35 years; stock and fixtures £550; price £600 all-at; part might remain.

(C21) HERTFORDSHIRE.—Unopposed with increasing turnover; returns for last year, £1,950; gross profit over £700; net profit about £550; house with garage; reasonable purchase price, to include freehold.

(C22) SUSSEX.—Turnover 1936, £2,100; rent and rates £65; living accommodation; garage; stock and fittings estimated £800; price £1,400, or reasonable offer.

(C23) NEWCASTLE-ON-TYNE.—Modern Pharmacy with house attached, situated in shopping parade; returns about £23 weekly; reasonable rental; price about £350 all-at.

(C24) BRIXTON (NEAR).—Returning about £1,450; good scope; main road; reasonable rent; living accommodation; price by negotiation.

(C25) BLACKHEATH, S.E. (NEAR).—Lock-up; returns £1,000 under management; populous middle-class district; low rent and price.

(C26) HARROW.—Well positioned; turnover £1,350; definite scope; reasonable price.

(C27) HANTS (COUNTRY TOWN).—Returns £750; rent £65; living accommodation; price £350.

(C28) BARNET.—Returns £1,300; small house; rent £50; sub-let £66; price £600 or offer.

(C29) SOUTHAMPTON.—Old-established, occupying strategic position; turnover nearly £3,000 and increasing; value of stock and fixtures (£1,335) accepted for quick sale.

(C30) LIVERPOOL.—Good-class; returns upwards of £1,350, and increasing; living accommodation; price £825; open to offer.

(C31) NEWPORT, MON. (NEAR).—Returns £1,500; rent £75; living accommodation; price £750.

Valuations for transfer, probate, income tax, etc., promptly executed at economical rates. Agency for locums, managers, etc.

THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED
(Business Agency, Transfer & Valuation Department)
KIMBERLEY HOUSE, *and at* EXCHANGE CHAMBERS,
Holborn Viaduct, LONDON, E.C.1 2 Bixteth St., LIVERPOOL.
PARKIN S. BOOTH, Valuer. *Tels.: CITY 3691 (4 lines).*
VALUATIONS. SALES OF BUSINESSES. STOCKTAKINGS.
Enquiries Invited.

BUSINESSES FOR DISPOSAL

6s. for 50 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BERKSHIRE.—Main road Chemist's business, recently estahlished in growing neighbourhood; excellently fitted premises with option of long lease at moderate rent; over 350 customers per week; excellent opportunity for young and energetic Chemist. Price all in £200. Apply 233/39, Office of this Paper.

LANCASHIRE.—Country Business, established 80 years, well stocked and appointed, good Dispensary; possible living accommodation; takings about £800; rent £34 8s.; rates £15 10s. Wine licence, Kodak and Seeds agencies; N.H.I. Bargain £325 or near offer. Spencer, 33/35 Market Street, Tottington, Bury. Phone: Tottington 54.

NORTH LONDON.—Weekly takings £16; for immediate sale owing to illness; with living accommodation; price £650 or near offer. Apply Bettson, Fielder & Co., 1/2 Great Winchester Street, London, E.C.2.

PORTSMOUTH (mile outside city boundary).—Drug Store, taking £12-£14 weekly, would show immediate increase in hands of Qualified person; no near opposition; present ownership 5 years; rent £75; freehold can be purchased; stock worth £225; price, all at, £400, or near offer; exceptional opportunity for beginner. 233/25, Office of this Paper.

STANMORE (near), established middle-class Cash Retail; main road position; net profit to owner-proprietor £7 to £7 10s. per week; quick sale necessary for health reasons; price £850, or near offer. 233/47, Office of this Paper.

ALL Overhead Charges met hy Suhsidiary Business. Exceptionally good opportunity for fully Qualified Chemist to start in main-road position without fear of failure. To those interested and wanting proof of this advertisement, write or call (Sunday no objection) to Owner, 12 Carbery Row, Southhourne, Bournemouth. Alight Irving Road bus stop. Telephone, Southhourne 1231.

OLD-ESTABLISHED Business, with fine clientele; West End; all cash. 233/55, Office of this Paper.

PREMISES TO LET

ELTHAM.—Chemist and Druggist, complete fitted double-fronted shop, semi-main road, shopping centre; low rent. Apply Bilton's, 113 Park Street, W.1. Mayfair 8240.

NEW MALDEN.—Excellent Shops to be Let or Sold, each with two Flats over; situated in centre of new estate, which is about a mile from nearest shops. Box No. 6, Homefinders, 74 Victoria Street, S.W.1.

NORTH CHEAM.—Few excellent Shops and Flats to he Let or Sold; surrounded by new estates and on main road. Box No. 6, Homefinders, 74 Victoria Street, S.W.1.

ROYSTON, HERTFORDSHIRE.—Corner site; west frontage 34 ft., north frontage 25 ft.; one of the best shop sites in the town; new aerodrome opens shortly. Address, Mr. H. Warren, 37 Baldock Road, Royston, Herts.

A SHOP to Let, South Croydon, main Brighton road; good opportunity for Chemist; populous neighbourhood; living accommodation; £75 per annum; no restrictions; no opposition. 135 Banstead Road South, Sutton, Surrey.

AT Edmonton (in main Hertford Road); double-fronted shop and maisonette, in heart of thickly-populated area; ideally suitable for Chemist; no nearhy opposition; maisonette now let at 30s. per week, but vacant possession ohtainable if required; whole to be let on lease (determinable at tenant's option) at £150 per annum. Apply Wimpey, 590 Hertford Road, Edmonton, N.9.

IMMEDIATE POSSESSION.—Powis Street, Woolwich, S.E.18. New Parade of Shops, adjoining New Granada and opposite New Odeon cinemas; splendid position in finest shopping centre in South London; multiple position; good upper parts; low rentals. Applications from established traders are invited by the owners, Welling Estate, Ltd., 22 Suffolk Street, Pall Mall, S.W.1. Early application advised.

244 KENSINGTON HIGH STREET.

LOCK-UP Shop, with basement, in an established shopping parade; splendid opportunity for a high-class trade; moderate rent. 'Phone Letting Office, Melbury Court, Western 1881.

CHEMIST AND DRUGGIST.—Large first-class Modern Shops to let in Multiple Trading positions; densely populated London suburbs; immediate possession; frontages about 20 ft.; quick Cash trade immediately available for the above business on opening up. Full details and plans from Morris Land & Property Co., Ltd., 130 Mount Street, Berkeley Square, W.1. MAYfair 2056.

UNIQUE opportunity for Chemists and Druggists; unparalleled opportunity for enlarging existing business or excellent opening; moderate rent and landlords will give special facilities to good tenant. Write at once to David Ainslie & Co., Ltd., 37 Panton Street, Haymarket, S.W.1, or phone for appointment to view, Whitehall 1821.

AGENCIES

LEADING Firm of Manufacturing Chemists, with a large efficient Sales Force, will be pleased to discuss Representation of Proprietary Pharmaceutical Products; excellent warehouse and manufacturing facilities available. 312/363, Office of this Paper.

TO OWNERS OF PROPRIETARIES

AN up-to-date, progressive house of Manufacturing Chemists, with a large, fully-equipped factory in London, invites enquiries from principals for the MANUFACTURE, PACKING AND DISTRIBUTION of Proprietary Pharmaceutical Preparations. Manufacturing Dept., 64 Hatton Garden, London, E.C.1.

PARTNERSHIPS

WEALTHY Partner or Bank Guarantor wanted by experienced and established Pharmacists about to open branches of Chemists, Pharmacists, and Beauty Culture specialists in Southport, Liverpool, Chester, and North Wales; present partners keen and up-to-date, experienced in company and private Chemists' business methods; no moneylenders. Apply 230/5, Office of this Paper.

WORKING Directorship offered; S.W. London; full control of one of two shops; progressive concern; up to full half holding can be arranged if desired. 233/7, Office of this Paper.

DIRECTORSHIPS

YOUNG Man with ideas and personality offered Directorship and Sales Managership by established progressive London house, marketing own branded advertised Pharmaceutical and Toilet goods, also Sales Agents for leading firms; salary £200 with commission; investment required, £500. Write fully, 233/48, Office of this Paper.

BUSINESS OPPORTUNITIES

NATIONALLY known company situated in London, with modern factory, up-to-date production methods, desires meet principals requiring complete filling, packing, and despatching facilities, also marketing if required. Write 313/394, Office of this Paper.

NOTICE

INCORRECTLY ADDRESSED CORRESPONDENCE.

MR. F. WALKLET, Ph.C., wishes to inform all "Mailing Houses" that his present business address is:—

22 Waterloo Road, Burslem, Stoke-on-Trent.

Further, there is not a chemist named Walker or Walklet at 39 Waterloo Road, Burslem.

TENDERS

COUNTY COUNCIL OF THE WEST RIDING OF YORKSHIRE.

SUPPLY OF STORES, FURNITURE, ETC.

APPLICATIONS are invited from persons and firms (particularly manufacturers) for permission to be placed on the list of persons and firms from whom the County Supplies Committee may from time to time invite quotations for various kinds of stores, such as printing, bookbinding, motor cartage, first-aid appliances, etc., engineers' tools and stores, ironmongery, metals, hardware, furniture (school and office), soap, paper (various kinds), manufactured stationery, office sundries, textiles, clothing, haberdashery, timber (soft and hard), boot leather and leather goods, brushes for cleaning, chemicals, drugs, groceries.

Applications must be made on the official form, copies of which (together with standard conditions of supply) may be obtained from The Manager, County Supplies Department, Cliff Lane, Wakefield, Yorkshire.

Firms who have already applied and have received acknowledgment of the form need not make fresh application.

J. CHARLES McGRATH,
Clerk of the County Council.

County Hall, Wakefield.

SALE BY AUCTION

By Order of the Trustee in Bankruptcy. Under a Deed of Assignment. Under Distress for Rent. Removed from Edgware, Harrow-on-the-Hill, Richmond, and Bond Street.

FRYER, COOPER & CO.,

will Sell by Auction, at their Rooms,

3 REDCROSS STREET, E.C.1,

On WEDNESDAY, OCTOBER 27, at 1 p.m.

CHEMISTS' STOCKS,

Fancy Toilet, and other Soaps, Brilliantines, Creams, Patent Medicines, Proprietary Articles, Foods, Shaving and other Brushes, Razors, Photographic Goods, Face and Tooth Powders, Pastes, Hair Lotions.

NATIONAL CASH REGISTER.

Shop Rounds, Scales and Weights, Chairs.

HANDSOME SHOP FITTINGS

in Mahogany and Oak. Wall Display Cabinets, Quick-serving Counter Cases, Dispensing Counter.

STOCK AND FITTINGS of a BEAUTY PARLOUR.

On view day prior and morning of Sale. Catalogues of Parkin S. Booth, Esq., Accountant, Kimberley House, Holborn Viaduct, E.C., and of the Auctioneers.

SITUATIONS OPEN

RETAIL (HOME)

BARNES.—Junior Assistant wanted for good-class Dispensing and Photographic Business; first-class references essential. Apply, stating age, height, experience and salary required, to Feltwell & Son, 90 Church Road, Barnes, London, S.W.13.

BIRMINGHAM.—Qualified Manager required at once; good Salesman accurate Dispenser, smart Window-dresser, with knowledge of up-to-date Toilet, Surgical and Photographic departments. Apply, giving full particulars of experience and salary required, to 232/8, Office of this Paper.

CONNAUGHT HOSPITAL, E.17.—Male M.P.S. Pharmacist required; previous Hospital experience essential; to start on Monday, November 8; hours normally 9 a.m. to 5 p.m., sometimes a little later; no Sunday duty; there are 118 beds, with a large Out-patient Department. Applications, stating qualifications, age, previous experience and salary required, together with copies of not more than three recent testimonials, should be received by first post on or before Thursday, October 28. General Secretary.

LONDON.—Qualified Assistant, middle-class trade and N.H.I. Dispensing. Give particulars of experience, names of references, when disengaged, age, and salary expected. Apply (letter only), Chemist, 300 Amhurst Road, London, N.

LONDON.—Smart Junior, male, required for good-class business; must be experienced Dispensing and Counter, courteous and competent. Please state full particulars and salary expected, also when free; interview preferred. 233/36, Office of this Paper.

LONDON, E.16.—Young Qualified male required immediately as Manager; permanency; pleasing Counter manner and Window-dresser; salary £4 10s. and commission. Apply, stating usual particulars (letter only), to Pharmacist, 37 Huntershall Road, Dagenham.

NATIONAL HOSPITAL, QUEEN SQUARE, W.C.1.—Applications are invited for the post of Pbarmacist; salary £300 p.a., rising by two annual increments of £25 to £350; Superannuation Scheme in force. Apply before November 6, with copies of testimonials, stating age and previous hospital experience, Godfrey H. Hamilton, Secretary.

OXFORD.—Junior Assistant required for a branch Family Dispensing business; one who has passed Part I preferred. Send photo and fullest particulars of experience to Druce & Co., 118 High Street, Oxford.

SOUTH OF ENGLAND.—Assistant, of good appearance and address, for good-class Dispensing and Toilet Business; some knowledge of Optics an advantage, but not essential; full particulars in first letter. 232/5, Office of this Paper.

SURREY.—An intelligent Lady Assistant, Unqualified, able to make attractive Displays (interior and window), and assist in Dispensing when necessary. Full particulars of experience, age, salary required (outdoors), and enclose photo, to Kershaw, 189 Stafford Road, Wallington.

W.1.—Qualified Assistant wanted; good Salesman and good appearance essential, for high-class West End Pharmacy. Apply, with full particulars, age, height, experience, and salary required, X.Y.Z., 233/3, Office of this Paper.

A YOUNG Qualified Assistant (male) wanted at once; must be a good Counterman and Window-dresser. Full particulars, with salary required, to S. Paddon, M.P.S., 657 Attercliffe Road, Sheffield, 9.

AN Unqualified male Junior or Improver required at once; must be trustworthy and smart appearance; permanency for suitable applicant. Apply, The Manager, Williams (Cash Chemists), Ltd., 14A Argyll Street, Oxford Circus.

ASSISTANT, Junior or Improver, required at once; no Sunday duty; comfortable berth. Please state salary and experience, 234/17, Office of this Paper.

ASSISTANT, Unqualified, wanted for winter months; must be good Window-dresser, pleasing Counter-hand. Apply, stating age, experience, wages required, and enclose photo, which will be returned. A. E. Yates, 196 High Street, Lewes.

CHEMIST or Chemist-Optician, for branch under control of managing Chemist; young, energetic, smart man, for working-class district. Written application, stating age, experience and wage required, and enclosing copies of testimonials, to be received in envelope marked "Chemist" by the Secretary, Blyth Co-operative Society, Ltd., Croft Road, Blyth, by 28th inst.

CHEMIST with Optical Qualification required to take sole charge of Chemists' shop with fully equipped Optical Room, Workroom, etc.; permanency; splendid opening for man with initiative and ability, with view to purchase; both businesses well established. Please send full particulars of experience, etc., salary required; commission on Optics given. Hudsons, Chemists, Skegness.

JUNIOR Assistant for light Retail and Dispensing, Window-dressing and Counter Display, near Swansea; state age, height, experience, salary expected; enclose photo or snap, returnable. 234/7, Office of this Paper.

JUNIOR Assistant required shortly, Dispensing and Family business; good experience offered; near colleges; no Sunday duty; please apply by letter, stating age, height, details of experience and salary required: photo if possible. Ingham, Chemist, 19 Upper Tooting Road, London, S.W.17.

JUNIOR Assistant, Unqualified or Qualified; evening work only. Apply C. M. Fann, 129 Queens Road, Battersea, S.W.8.

JUNIOR or Improver (male), indoors, for good-class Dispensing and Family business; good Window-dresser and Dispenser essential. Apply, with full particulars, photo, age, height, salary, etc., to Exors. T. Evans, 114 Upper Richmond Road, Putney, London, S.W.15.

LADY Assistant required immediately; Minor qualification essential; mainly N.H.I. and Counter; would suit newly Qualified. Miss Harris ('Phone Canonbury 1843), 288 Upper Street, Islington, N.1.

LADY Assistant, Unqualified, required immediately for middle-class Family business in North Kent. Write, stating age, salary, and experience, 233/44, Office of this Paper.

LADY, fully Qualified; permanency; Wallasey district; quick, accurate Dispenser, good Saleswoman essential. State age, experience, and salary required, 233/43, Office of this Paper.

M.P.S., J.C.Q.O., wanted November 22 or nearest; permanency to young man; Salesmanship, Prescriber, Windows, etc., imperative; diligence expected in pleasant, highest class London Pharmacists-Opticians, with established connexions; salary and commission. Phone GLA 6306; Travers & Co., 100 The Broadway, N.W.2.

M.P.S.—YOUNG Lady required for a Departmental Store in the North, closing half-day Saturday. Apply, stating age, experience, salary required and enclosing photograph, which will be returned. 313/393, Office of this Paper.

PHARMACY.—Temporary Female Assistants required for Christmas Sales period (six weeks), South-Western and South-Eastern districts; knowledge of Toilet and Fancy goods only necessary. Apply in writing, stating age and experience, to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 113 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy." NOTE.—Canvassing of members of the General Committee or Officials will disqualify.

QUALIFIED Assistant required to commence as soon as possible. State full particulars in first letter, also age and salary required, and when free. 313/404, Office of this Paper.

QUALIFIED Lady Superintendent required for middle-class business. Give particulars of experience, copies of references, when disengaged, age and salary expected. Harrisons, Chemists, 25 Hyde Park Road, Leeds 6.

QUALIFIED or Unqualified Assistant (male), with Optical qualification, required for good-class business near London; good prospects; full particulars age, height, experience and salary expected. 313/395, Office of this Paper.

SMART Unqualified Junior Assistant (male); good all-round experience; neat and reliable Dispenser. State full particulars by letter, age, height, experience, salary required, etc., to Manager, Guests, Ltd., High Road, Goodmayes, Ilford.

SUPERINTENDENT, middle-aged or elderly; light duties; easy post; no Sundays; required at once for suburban Pharmacy. Chemist, 29 Cambridge Terrace, W.1.

UNQUALIFIED Assistant required for good-class London business (not over 32); first-class London experience essential; only capable men seeking permanency need apply. Full particulars to Allchin & Co., 28 England's Lane, Hampstead.

UNQUALIFIED Assistant required shortly for Dispensing and Counter work, with knowledge of Window-dressing. State age, experience, height, salary expected, photo or snap (returnable). M. A. Hurd Barley, Chemist, 207 Ditchling Road, Brighton.

PHOTOGRAPHS, TESTIMONIALS, &c.

When replying to advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. Many of these announcements produce an exceptionally large response and, as can be readily understood, the task of returning photographs, testimonials, &c., is one of some difficulty.

UNQUALIFIED Assistant, not over 35, male and female, required for Retail shops in Enfield district; usual characteristics required. Apply with particulars of experience, references, salary required, to A. R. Cross, M.P.S., t/a Cross of Enfield, Ltd., Enfield Highway.

UNQUALIFIED Assistant, with experience of good-class Dispensing. Apply, stating age, salary required, and usual particulars, to C. W. Higgins, 47 Market Place, Salisbury.

UNQUALIFIED Assistant, young, required for high-class Family business in Hampshire, near Bournemouth; must be quick and accurate Dispenser, possess pleasant Counter manner, and be good Salesman. Apply, giving fullest particulars, references and salary required, and enclose photo (snap if possible). 253 [illegible] Office of this Paper.

UNQUALIFIED Junior Assistant required for the City; one just finished apprenticeship would do. Apply, by letter preferably, to L. B. C., t/o Harrington, 15 Kensington High Street, London, W.8.

WANTED at once, competent Qualified Assistant (about 30), full acquirement of good-class Pharmacy; married, or about to be; must be keen and capable of taking charge; flat rent free over premises. Please give full particulars of experience, age, height, salary, etc., and photo if possible, to be returned. 254 21. Office of this Paper.

WANTED immediately for new Branch, Qualified Manager (25-30); reliable Dispenser and good Window-dresser; moderate salary to commence, plus commission. Full particulars and photo to S. Saber, 8 Earls Hall Parade, Southend-on-Sea, Essex.

WANTED.—Junior Assistant, male, for good-class Dispensing and Family business near West End. Apply by letter, giving age, experience and salary required. 252 2. Office of this Paper.

WANTED.—Liverpool: Qualified Manager (branch) required for Dispensing and Family business; state age, experience, salary required, etc. W. Ashworth, Chemist, Seaforth.

YOUNG Qualified Lady or Gentleman for Croydon district; comfortable berth, no Sunday or half-day duty; moderate salary to commence, but progressive; good opportunity for newly Qualified. State full particulars and salary required, able to start December 2. 253 5. Office of this Paper.

WHOLESALE

A VACANCY

for an outside Representative will shortly occur on the Advertisement Staff of THE CHEMIST & DRUGGIST.

Applications are invited from Qualified Chemists not over 30 years of age, of good appearance and address, having initiative, and sound and practical knowledge of the Wholesale and Retail Trade.

Apply by letter, giving the usual particulars and details of experience and, if possible, photograph, which will be returned, to "P. R. G.," The Chemist & Druggist, 28 Essex Street, Strand, London, W.C.2.

ASSISTANT Tablet Maker wanted for Lancashire. State experience, salary and full particulars. 312 395. Office of this Paper.

ESTABLISHED British Manufacturers of high-grade Beauty Preparations have openings, London and provinces, for experienced first-class Salesmen with sound connection and reputation; salary, expenses and commission; positions are permanent and progressive. Write fullest details. 312 425. Office of this Paper.

MANUFACTURING Chemists require direct representation in the Midlands and Wales for the sale of Packed and Bulk Pharmaceutical Products and Specialities. Applications will only be considered from first-class Salesmen who can produce evidence of their abilities and who have a good connection amongst Retail Chemists, etc. Apply, stating full details of experience, to 312 406, Office of this Paper.

REPRESENTATIVES required in each city calling on Chemists, Stores, etc., to handle well-advertised line; commission only. Apply in writing, giving full details of experience, number of your accounts, etc. Good references essential. P.C.B. 250 14, Office of this Paper.

REQUIRED.—Expert Shorthand Typist, with good knowledge of French. Apply C. R. Barker, Stagg & Morgan, Ltd., Finnon Street, E.1.

REQUIRED for Factory Work in the North of England: man with practical Pharmaceutical experience and training; not necessarily Qualified. Reply, with full particulars, to 312 292, Office of this Paper.

REQUIRED.—Permanent Representatives in present calling to Ladies' Hairdressers, Chemists and Stores outside London to introduce new advertised Perfumes on 15 per cent. commission basis; 15s. per week expenses allowance. Reply, giving full details of experience, conditions, districts covered and lines carried, to 312 394, Office of this Paper.

TRAVELLERS already calling on Chemists and Druggists wanted to introduce new branded lines, Medicinal and Veterinary; exceptional opportunity; good commission. Write, stating full particulars, 252 9, Office of this Paper.

TRAVELLERS in all parts British Isles required to handle as side-line a Nationally Advertised Medicine; an excellent commission plus monthly bonus offered; every encouragement given by live organisation. Apply for full details, stating ground covered and lines already handled, to Lidget Laboratories Ltd., Dept. 5, 85 Mosley Street, Manchester 2.

UNQUALIFIED Man wanted, experienced in the Manufacture of Creams and Animal Pharmaceutical preparations; West Riding district. State age, salary and experience. 312 389, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN

WEST AFRICA.—A permanent and progressive career is offered to Qualified Pharmaceutical Chemists, commencing salary £400 per annum, rising to £550 per annum, together with commission on profits; short hours, leave on full salary, free furnished quarters, first-class passages. The position is an attractive one to intelligent and aspiring young men under 30 years of age anxious to get on. 312 385, Office of this Paper.

SPLENDID openings for young Pharmacists desirous of going abroad. Reply, stating age, experience, etc., to 312 387, Office of this Paper.

SITUATIONS WANTED

RETAIL (HOME)

1s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A.A.A.—QUALIFIED, temporary, full or part-time in Hospital or Dispensary, as Locum if desired; extensive Hospital experience; moderate salary. 253 50, Office of this Paper.

A.A.A.A.—QUALIFIED, 28, married, smart appearance and address; seeks change with permanency and prospects. West London area preferred; your opportunity to acquire services of willing experienced servant, free one month's notice. 254 4, Office of this Paper.

A.A.A.—UNQUALIFIED, 30, 3 years' West End experience, seeks competent Dispenser, Salesman, Photographer, also Veterinary experience, expert Window-dresser, highest references, would manage Drug Stores. Medical Woolhandler, Ferryside.

ASSISTANT (Unqualified), good experience all branches, aged 36, married, free now. Over 30 Somers Road, N.W.2.

ASSISTANT (Unqualified), tall, single, experienced Dispensing Counter, Window-dressing, Photography, used good-class trade; London or near suburbs. 253 27, Office of this Paper.

ASSISTANT (Unqualified), thoroughly competent and experienced, exceptional references; good appearance and address; available immediately; S.W. area preferred. Phone: Battersea [illegible] evenings. 31 Wandsworth High Street, S.W.18.

ASSISTANT (Unqualified), 10 years' good-class experience; excellent references; tall, good appearance, excellent Salesman, Window-dresser and Dispenser. Advertiser, 42 Gladstone Street, Southwark.

BIRMINGHAM or Near.—Qualified (30) desires position, Manager or responsible Senior; married; extensive varied managerial experience; expert Display, Salesmanship, Photographic; free for interview. M.P.S., 164 Stoney Lane, Birmingham, 11.

BUSINESS Builder.—Pharmacist, keen (37), requires remunerative, progressive post as Manager; excellent record; London district. 234/5, Office of this Paper.

CHEMIST, experienced, recommended; excellent Prescriber; Locum or permanency; disengaged October 18; London or provinces. Chemist, 36 Buckley Road, Brondesbury, London, N.W.6.

DISPENSER, Unqualified (male), experienced, seeks post, Doctor or Chemist, in or near London; willing, energetic and conscientious. 234/22, Office of this Paper.

EXPERIENCED Locum, Registered N.P.U.; just finished season's engagements; free for any period. Chemist, 5 Trinity Road, Wimbledon. Liberty 2748.

EXPERIENCED Qualified Chemist, Assistant or Branch; disengaged; single, active and reliable. Chemist, 308 High Street, St. Mary Cray, Kent.

GLASGOW OR NEAR.—Qualified man of good standing open for part-time engagement, supervision or light duties. 232/15, Office of this Paper.

JAMES LEES, of Beechwood, New Cumnock, Ayrshire; experienced Qualified Locum offers his services for winter months; disengaged October 24.

LADY Assistant requires post, N.W. district; experienced Counter and Photography; good references. Denmark, 89 Sturgess Avenue, Hendon, N.W.4.

LADY, Qualified (23), Hospital and General Retail experience; Dispensing post preferred; London or suburbs. 234/11, Office of this Paper.

LATE Duty; Qualified; excellent West End experience and refereuces. P.C.B. 260/2, Office of this Paper.

LOCUM, Qualified; good references; capable; Dispensing, Counter; free October 24; any distance. Young, 1 Essex Road, Barking, Essex.

LOCUM, temporary Relief or Part-time; retired Pharmacist; available for Middlesex, Herts or Bucks. "Pharmacist," Dunollie, Croxley Green, Herts.

MANAGER, Qualified (29), married, requires sound permanency; all-round experience, including Buying; keen Window-dresser. Chemist, 85 Western Road, Leigh-on-Sea.

MANAGER, Qualified (33, tall), recent West End Locums, seeks further Locums or would entertain sound permanency, London or suburbs; all-round experience; knowledge high-class Perfumery and foreign Proprietaries. 233/52, Office of this Paper.

M.P.S. (age 60); position of trust, any capacity; moderate hours and salary; Brighton or Worthing. C., 37 Natbourne Road, Worthing.

M.P.S., at present disengaged, seeks Managership; London, Central, N.W., or West districts; thoroughly experienced; active and energetic; progressive remuneration. Morris, 42 Lordsmead Road, N.17.

M.P.S., experienced Manager, London and provinces, desires permanency; capable business builder; keen Window-dresser and Dispenser; free October 25. "Chemist," 104 Lansdowne Road, E.8.

NAMES AND ADDRESSES

When sending advertisements for any of the columns of this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not adhered to and delay and disappointment ensue. Strict attention to this detail will be appreciated.

M.P.S. (41), active and recommended; splendid all-round experience; slight disability (war pension); manage or cover; small salary, £3 5s. 234/2, Office of this Paper.

M.P.S. (38), free now; Locum or permanency as Manager; London or Middlesex preferred. 233/51, Office of this Paper.

PHARMACIST, experienced and capable, seeks position as Manager; interview desired; London area. Flood, 84 Crescent Lane, Clapham, S.W.4.

PHARMACIST (28), at present managing Retail, seeks position, Wholesale or Retail, which offers further scope for Display of Talents; excellent references. 313/407, Office of this Paper.

PHARMACIST (29, tall), 10 years' good-class City experience, late manager, desires permanency with prospects; state terms; free November 6. 233/21, Office of this Paper.

QUALIFIED, any position; middle-aged; quick Dispenser, Counter; disengaged; good references. Chemist, Golden Cross, Harrington, Evesham.

QUALIFIED, desires change (34, single); 8 years' managing, all-round experience; excellent references; permanency; London or suburbs. 233/18, Office of this Paper.

QUALIFIED, elderly, active. W. T., 33 Barbara Street, N.7.

QUALIFIED Gentlemen (24), tall, educated, conscientious worker, experienced all branches, desires permanency in good-class Pharmacy in South of England; month's notice required. 233/29, Office of this Paper.

QUALIFIED Lady (27), high-class Counter and Dispensing experience; London or suburbs. Chemists, 41 Corfton Road, Ealing, W.5.

QUALIFIED seeks post; reasonable distance from Ealing; permanency or Locum; 9 years London, middle- and working-class. "Resorcin," 217/3, Office of this Paper.

QUALIFIED, young, desires position; good experience, including Photographic; free. S. W., 15 Park Place, Clifton, Bristol.

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QUALIFIED (30), varied experience, including 3 years managing, seeks post as Manager or Senior; Southern counties. 234/25, Office of this Paper.

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RELIEF or Management; Qualified, experienced. Bark, 34 Coleherne Road, S.W.10. 'Phone Flaxman 5533.

SOUTH COAST.—M.P.S. (26), desires progressive change; 6 years present post; tall, smart, efficient, well recommended. 234/8, Office of this Paper.

UNQUALIFIED, accustomed sole charge; exceptional experience light National Health; recommended; middle-aged; disengaged. Locke, 71 Cromwell Road, Wimbledon, S.W.

UNQUALIFIED, male (25), requires post; experienced all branches. Assistant, 12A St. George's Mansions, Causton Street, S.W.1.

UNQUALIFIED, 16 years' West End experience, desires change; well recommended throughout the trade; West End preferred; free week. P.C.B. 260/9, Office of this Paper.

YOUNG, Qualified, requires position London; Manager or Assistant; high-class experience; Toilet, Foreign Patents, Photographic. State salary, etc., 232/10, Office of this Paper.

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FOREWOMAN seeks position in Factory; S.E. district preferred. 233/46, Office of this Paper.

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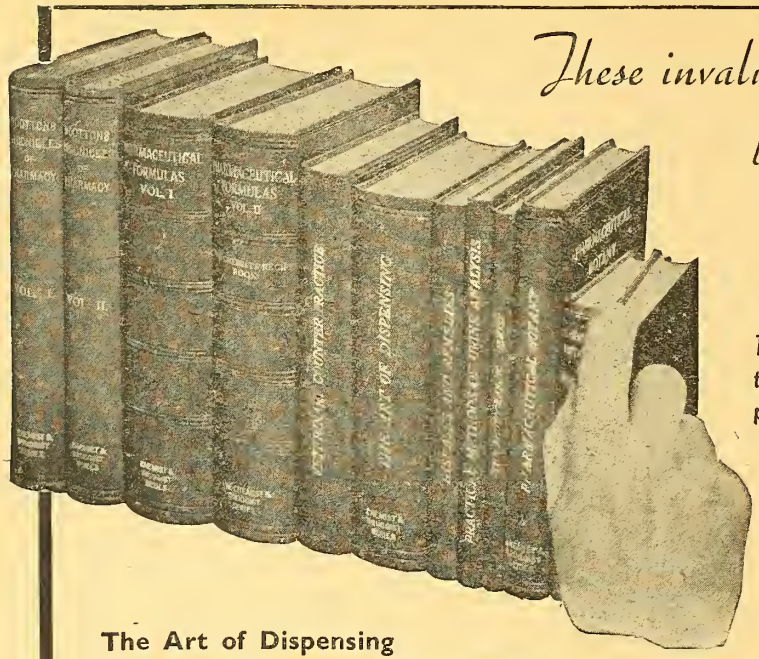

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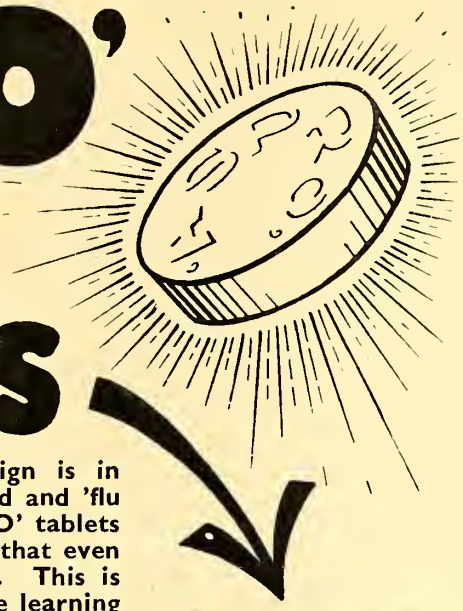
'ASPRO' WINTER ACTIVITIES



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Half gross order ... Bonus ½ dozen packets
Half gross of either size is the minimum order accepted for bonus purposes.

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Half gross order ... Bonus 1 dozen packets
Quarter gross order Bonus ½ dozen packets
Quarter gross is the minimum quantity.
NO BONUS ON 60's

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